

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDD/2- JVL-587-1/4C52/00		Názov predmetu: Adolescent Medicine				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 5						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Peter Bánovčin, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KAIM/2- JVL-585/12	Názov predmetu: Algesiology and Paliative Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 Za obdobie štúdia: 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Students are evaluated by written test at the end of the winter semester. Mandatory requirements for taking the test is 100 % attendance of clinical practices. During semester, students are evaluated by short written tests.	
Výsledky vzdelávania: By the completion of the subject Algesiology and palliative medicine students acquire knowledge about the importance of the treatment of acute and chronic pain in health care settings. Palliative care often follows-up the chronic pain therapy at home or in the hospital.	
Stručná osnova predmetu: Algesiology as a medical science will inform the students with therapy and an approach to acute, chronic and oncologic pain with different algesiologic mechanisms. Palliative care will inform students with its importance, forms of administration and mainly the ways, by which is currently possible to administer. Foundation of hospice care and its importance is the content of this subject.	
Odporúčaná literatúra: Dobriková-Porubčanová P. a kol.: Nevyliečiteľne chorí v súčasnosti. Kapitola 10: Ošetrovateľské aspekty v paliatívnej starostlivosti, Spolok svätého Vojtecha, Trnava 2005, s.164-183. Fabuš S., Kulichová M.: Paliatívna a hospicová starostlivosť. Medicínska etika a biotika, Vol 5, 1998, s. 9-11. Ed. Kulichová M.: Algeziológia, EDIS, Žilina, 2005, ISBN 80-8070-445-7, s.299. Kulichová M.: Etické princípy a základné zásady liečby chronickej bolesti. Mozaika hospicovej starostlivosti, Hospice o.z., Martin 2007, ISBN 978-80-969736-2-0 Kulichová M.: Bolest' – definícia, rozdelenie, patofyziológia, klasifikácia a diagnostika. Lek.Obz., 57, 2008, č.1, s. 7 -11. Kulichová M.: Bolest' u onkologického pacienta – diferenciálno-diagnostické spracovanie, ONKOLÓGIA, 5/2007, r.2. s. 287-291. Kulichová M.: Bolest'. In: Dzúrik R., Trnovec T.: Štandardné terapeutické postupy. Osveta Martin, 2001, 2.vydanie, ISBN 80-8063-088-7, s. 760-770. Rokyta R., Kršiak M., Kozák J.: Bolest, Tigris, Praha, 2006, ISBN: 80-235 00000-0-0, s.684. Slama O., Kabelka L., Vorlíček J.: Paliatívna medicína pro praxi. Praha, Galen, 2007, 1.vydanie,	

ISBN 978-80-7262-505-5, 362s						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 43						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Beata Sániová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚA/2- JVL-501/09		Názov predmetu: Anatomy (1)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 6						
Odporúčaný semester/trimester štúdia:						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: LECTURES General osteology.General arthrology.Generalmyology. Viscerology – introduction.Alimentary system . Peritoneum, peritoneal cavity. Respiratory system. PRACTICA Vertebral column.Ribs, sternum,thorax.Skeleton of upper limb .Skeleton of lower limb .Joints of upper limb – seminar. Joints of lower limb – seminar.Test - osteology, artrology.Skull - neurocranium . Skull – splanchnocranium. Skull – general cranial features.Skull – oral examination. Supplementary practica, awarding of credits.						
Odporúčaná literatúra: Susan Standring: Gray’s Anatomy, 39th edition. Churchill Livingstone 2004, 1600 p. Romanes. G. J.:Cunningham’s manual of practical anatomy1.,2.,3. New York, Oxford University Press 1992. 263, 298, 346 p. ATLASES Petra Kopf-Maier Wolf-Heidegger’s atlas of Human Anatomy 1 (6th edition) Basel: Karger, 2004. Petra Kopf-Maier Wolf –Heidegger’s atlas of Human Anatomy 2 (6th edition) Basel: Karger, 2004.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 806						
A	ABS0	B	C	D	E	FX
1.99	0.87	8.81	27.54	30.89	25.93	3.97

Vyučujúci: doc. MUDr. Yvetta Mellová, CSc.
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-502-1/4167/00	Názov predmetu: Anatomy (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 5 / 4 Za obdobie štúdia: 75 / 60 Metóda štúdia: on-site learning	
Počet kreditov: 10	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: full attendance in dissections during the dissection week, attendance at the practicals in week 3-14 - student is allowed to miss out 1 practical per semester, to pass 5 written tests - minimum percentage to pass each test is 60%	
Výsledky vzdelávania:	
Stručná osnova predmetu: The content of the lectures is systemic anatomy - blood supply, lymph drainage and nerve supply of limbs; , urinary system, male and female reproductive systems. The content of the practical is topographical anatomy of limbs - topographic-anatomical dissection of upper and lower limbs; practical study of organ systems - cardiovascular, digestive, respiratory and urogenital systems.	
Odporúčaná literatúra: Susan Standring: Gray's Anatomy, 39th edition. Churchill Livingstone 2004, 1600 p. Crossman,A.R. Nearly, D.: Neuroanatomy, an illustrated colour text, 4th Edition. Churchill Livingstone Elsevier, 2010.188 pp. ISBN 978-0-7020-3086-4 Romanes. G. J.:Cunningham's manual of practical anatomy1.,2.,3. New York, Oxford University Press 1992. 263, 298, 346 p. ATLASES Petra Kopf-Maier Wolf-Heidegger's atlas of Human Anatomy 1 (6th edition) Basel: Karger, 2004. Petra Kopf-Maier Wolf –Heidegger's atlas of Human Anatomy 2 (6th edition) Basel: Karger, 2004.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 1073						
A	ABS0	B	C	D	E	FX
0.56	24.32	5.78	22.27	24.88	15.47	6.71
Vyučujúci: doc. MUDr. Yvetta Mellová, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚA/2- JVL-503/09	Názov predmetu: Anatomy (3)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 2 Za obdobie štúdia: 60 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 8	
Odporúčaný semester/trimester štúdia: 3.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 92% participation in practicals, 100% participation in dissection, at least 60% success rate on written tests Final Exam: • the written part: at least 65% success rate for the written exam • practical examination • oral examination	
Výsledky vzdelávania: The graduate of anatomy should master the anatomy of the human body in the extend necessary for pregradual studies. The graduate should understand principles of human body construction, its parts and organs up to such details, that the knowledge gathered is permanent and becomes a base for understanding of physiological and pathological processes and changes and later is the base for studies of clinical disciplines.	
Stručná osnova predmetu: Contents of lectures is systematic anatomy of the central nervous system, autonomic nervous system, organ of vision and organ of hearing. The content of the practical is topographical anatomy of head, neck and trunk - topographic-anatomical dissection of head, neck and trunk; practical study of the central nervous system and practical study of organ of vision and organ of hearing.	
Odporúčaná literatúra: Susan Standring: Gray's Anatomy, 39th edition. Churchill Livingstone 2004, 1600 p. Romanes. G. J.:Cunningham's manual of practical anatomy1.,2.,3. New York, Oxford University Press 1992. 263, 298, 346 p. ATLASES Petra Kopf-Maier Wolf-Heidegger's atlas of Human Anatomy 1 (6th edition) Basel: Karger, 2004. Petra Kopf-Maier Wolf –Heidegger's atlas of Human Anatomy 2 (6th edition) Basel: Karger, 2004.	

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov						
Celkový počet hodnotených študentov: 863						
A	ABS0	B	C	D	E	FX
4.29	0.12	7.65	14.72	17.84	31.63	23.75
Vyučujúci: doc. MUDr. Yvetta Mellová, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚA/J-S- VL-501/15	Názov predmetu: Anatomy 1
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: : 100% participation in practicals, at least 60% success rate on written tests A:95 % - 100 %, B:88 % - 94 %, C: 77 % - 87 %, D: 66 % - 76 %, E: 60 % - 65 %	
Výsledky vzdelávania: Graduate acquires detailed knowledge of the systematic anatomy of the locomotor system - general and special osteology, arthrology and myology and some organ systems. Knowledge will be the basis for the study of topographical anatomy and also for the subsequent study of physiology, pathological anatomy and clinical disciplines.	
Stručná osnova predmetu: Contents of lectures is systematic anatomy: Locomotor apparatus - general bone structure, bone joints and skeletal muscles; Cardiovascular system; Digestive system. In the practicals students study special osteology, arthrology and myology - the bones and joints of the head, neck and trunk and bones, joints and muscles of the limbs.	
Odporúčaná literatúra: Richard L. Drake, A. Wayne Vogl, Adam W. M. Mitchell: Gray's Anatomy for Students, 2nd Edition. Philadelphia Churchill Livingstone, 2010, 1150 pp. ISBN 978-0-443-06952-9 Richard L. Drake, A. Wayne Vogl, Adam W. M. Mitchell et al. : Gray's Atlas of Anatomy. Philadelphia Churchill Livingstone, 2008, 576 pp. ISBN 978-0-443-06721-1 David A. Morton, Kurt H. Albertine, Kerry D. Peterson: Gray's Dissection Guide for Human Anatomy, 2nd Edition. Philadelphia Churchill Livingstone, 2007, 568 pp. ISBN 978-0-443-06951-2	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 102						
A	ABS0	B	C	D	E	FX
0.98	0.0	12.75	23.53	32.35	22.55	7.84
Vyučujúci: doc. MUDr. Yvetta Mellová, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚA/J-S- VL-502/15	Názov predmetu: Anatomy 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 5 / 4 Za obdobie štúdia: 75 / 60 Metóda štúdia: on-site learning	
Počet kreditov: 10	
Odporúčaný semester/trimester štúdia: 2.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 92% participation in practicals, 100% participation in dissection, at least 60% success rate on written tests A:95 % - 100 %, B:88 % - 94 %, C: 77 % - 87 %, D: 66 % - 76 %, E: 60 % - 65 %	
Výsledky vzdelávania: The graduate of anatomy acquires detailed knowledge of systematic anatomy of selected organ systems, including peripheral vessels and peripheral nerves. Knowledge will be the basis for the study of topographical anatomy and also for the subsequent study of physiology, pathological anatomy and clinical disciplines.	
Stručná osnova predmetu: The content of the lectures is systemic anatomy - blood supply, lymph drainage and nerve supply of limbs; , urinary system, male and female reproductive systems. The content of the practical is topographical anatomy of limbs - topographic-anatomical dissection of upper and lower limbs; practical study of organ systems - cardiovascular, digestive, respiratory and urogenital systems.	
Odporúčaná literatúra: Susan Standring: Gray's Anatomy, 39th edition. Churchill Livingstone 2004, 1600 p. Romanes. G. J.:Cunningham's manual of practical anatomy1.,2.,3. New York, Oxford University Press 1992. 263, 298, 346 p. ATLASES Petra Kopf-Maier Wolf-Heidegger's atlas of Human Anatomy 1 (6th edition) Basel: Karger, 2004. Petra Kopf-Maier Wolf –Heidegger's atlas of Human Anatomy 2 (6th edition) Basel: Karger, 2004.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 94						
A	ABS0	B	C	D	E	FX
1.06	0.0	13.83	41.49	29.79	2.13	11.7
Vyučujúci: doc. MUDr. Yvetta Mellová, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KAIM/2- JVL-558/11	Názov predmetu: Anesthesiology and Intensive Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Students are evaluated by written test at the end of the winter semester. Mandatory requirements for taking the test is 100 % attendance of clinical practices. During semester, students are evaluated by short written tests and by performing practical skills in anesthesia and intensive care in operating rooms and in the intensive care unit.	
Výsledky vzdelávania: By the completion of the subject Anesthesiology and Intensive Care in the 10th semester students acquire following theoretical knowledge and practical skills: History of anesthesia, the role and the importance of anesthesia in surgical and diagnostic medical fields. Types of anesthesia, forms of applying general, regional and local anesthesia. Induction of anesthesia, conduction of general anesthesia, recovery from anesthesia in the operating room. Side effect of anesthetic drugs, disorders of consciousness after anesthesia. Attendance of students of clinical practices in the intensive care unit builds up on the education in emergency medicine. Management of patients in the intensive care, diagnostic process, treatments and monitoring protocols allow the student to acquire a complex view on a patient with failing organ systems. They acquire the basics of mechanical ventilation, placing central venous lines, basics of nutrition and also management and approach to a patient with disorder of consciousness.	
Stručná osnova predmetu:	
Odporúčaná literatúra: Barash P (editor): Clinical anesthesia, 7th, Lippincott, Williams, Wilkins, 2013, Miller RD (editor): Millers anesthesia, 7th, Churchill Livingstone, 2009, Stoelting RK, Miller RD: Basics of Anesthesia, 6th, Churchill Livingstone, 2010 Hall JB: Principles of Critical Care, McGraw Hill, 2004 Gabrielly A(editor): Civetta Taylor and Kirbys Critical Care, 4th, Lippincott, Williams Wilkins, 2010	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 296						
A	ABS0	B	C	D	E	FX
89.53	0.0	9.46	0.68	0.34	0.0	0.0
Vyučujúci: prof. MUDr. Beata Sániová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/2- JVL-507/09	Názov predmetu: Basic of Medical Terminology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests - minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania:	
Stručná osnova predmetu: 1. Brief Survey of the History of Medical Terminology 2. Introduction to Latin Grammar and Structure of Terms 3. 1st A – Declension 4. 2nd O – Declension (Latin Substantives) 5. 2nd O – Declension (Greek Substantives) 6. 2nd Declension Adjectives 7. Test I. 4th Declension 8. 5th Declension 9. 3rd Consonant - Declension 10. 3rd Vowel – Declension 11. 3rd Declension – Greek Substantives. Some Greek Word Stems 12. 3rd Declension –Adjectives 13. Comparison of Adjectives in Latin 14. Attributes in Latin. Revision 15. Test II Seminars	
Odporúčaná literatúra: BUJALKOVÁ, M., JUREČKOVÁ, A.: Terminologia Medica. Greco-Latin Medical Terminology. Bratislava: Univerzita Komenského 2013. 148 s. (handouts) ISBN 978-80-223-3394-8.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language, Latin language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 814						
A	ABS0	B	C	D	E	FX
17.44	1.23	25.68	22.48	18.06	14.62	0.49
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/2- JVL-707-1/5152/00	Názov predmetu: Basic of Medical Terminology (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests and final written exam, minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania: The main teaching output is to enable the graduates to get competence in exact and correct use of Latin medical terminology. Graduates in nursing should meet the following requirements: a) to master Latin pronunciation and spelling b) to master selected Latin morphological structures fragment in norm and verb terms/expressions c) to master basic Lexis especially in anatomical terminology, but also in clinical subjects and pharmacology d) to master basic syntactical structure of medical terms (complex terms, close/loose attribut'es, word-order) e) to master word-building (derivation in one-word terms) affixes different meanings of prefixes/suffixes) and relations of word-building elements (synonym, antonym, homonym).	
Stručná osnova predmetu: - 3rd Declension Adjectives – “One ending” Adjectives, “Two ending s” Adjectives, “Three ending s” Adjectives - 3rd Declension Adjectives – Declension; Greek Adjectives of 3rd Declension - Comparison of Adjectives – Regular, Irregular, Incomplete Comparison - Comparison of Adjectives – Declension of Comparatives and Superlatives - Numerals – Cardinal, Ordinal, Multiple Numerals. Declension of Numerals - Medical Prescription – Verb. Decimal Point Metric Prefixes. - Medical Prescription – Grammatical Structure. Extratemporaneous MP, Trade - drug MP - Prefixes – Prefixes Related to Direction, Place and Time; Prefixes Denoting Quality and Negation - Suffixes – Noun Suffixes, Adjective Suffixes. - Compound Words – Most Common Roots: Nouns Denoting State/Process, Disease, Branch of Medicine; Nouns Denoting Surgical or Diagnostic Procedure, Human Body. - Compound Words – Most Common Roots: Nouns Denoting Body Fluids, Secretions, Substances. Adjectives/Numerals Denoting State, Quality, Quantity, Color. - Latin and Greek Equivalents Most Frequently Used in Medical Terms - Repetition in Exercises.	

Odporúčaná literatúra: Bujalková, M., Jurečková, A.: Terminologia Medica. Greco - Latin Medical Terminology. Bratislava : Univerzita Komenského 2013. 148 s. (skriptá) ISBN 978-80-223-3394-8.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language, Latin language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 963						
A	ABS0	B	C	D	E	FX
17.65	0.0	25.86	27.83	17.45	10.7	0.52
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/J-S- VL-507-Z/15	Názov predmetu: Basic of Medical Terminology 1
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests - minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania:	
Stručná osnova predmetu: 1. Brief Survey of the History of Medical Terminology 2. Introduction to Latin Grammar and Structure of Terms 3. 1st A – Declension 4. 2nd O – Declension (Latin Substantives) 5. 2nd O – Declension (Greek Substantives) 6. 2nd Declension Adjectives 7. Test I. 4th Declension 8. 5th Declension 9. 3rd Consonant - Declension 10. 3rd Vowel – Declension 11. 3rd Declension – Greek Substantives. Some Greek Word Stems 12. 3rd Declension –Adjectives 13. Comparison of Adjectives in Latin 14. Attributes in Latin. Revision 15. Test II Seminars	
Odporúčaná literatúra: BUJALKOVÁ, M., JUREČKOVÁ, A.: Terminologia Medica. Greco-Latin Medical Terminology. Bratislava: Univerzita Komenského 2013. 148 s. (handouts) ISBN 978-80-223-3394-8.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language, Latin language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 131						
A	ABS0	B	C	D	E	FX
29.01	0.0	31.3	19.85	13.74	4.58	1.53
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/J-S- VL-507-L/15	Názov predmetu: Basic of Medical Terminology 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 2.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests and final written exam, minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania: The main teaching output is to enable the graduates to get competence in exact and correct use of Latin medical terminology. Graduates in nursing should meet the following requirements: a) to master Latin pronunciation and spelling b) to master selected Latin morphological structures fragment in norm and verb terms/expressions c) to master basic Lexis especially in anatomical terminology, but also in clinical subjects and pharmacology d) to master basic syntactical structure of medical terms (complex terms, close/loose attribut'es, word-order) e) to master word-building (derivation in one-word terms) affixes different meanings of prefixes/suffixes) and relations of word-building elements (synonym, antonym, homonym).	
Stručná osnova predmetu: - 3rd Declension Adjectives – “One ending” Adjectives, “Two ending s” Adjectives, “Three ending s” Adjectives - 3rd Declension Adjectives – Declension; Greek Adjectives of 3rd Declension - Comparison of Adjectives – Regular, Irregular, Incomplete Comparison - Comparison of Adjectives – Declension of Comparatives and Superlatives - Numerals – Cardinal, Ordinal, Multiple Numerals. Declension of Numerals - Medical Prescription – Verb. Decimal Point Metric Prefixes. - Medical Prescription – Grammatical Structure. Extratemporaneous MP, Trade - drug MP - Prefixes – Prefixes Related to Direction, Place and Time; Prefixes Denoting Quality and Negation - Suffixes – Noun Suffixes, Adjective Suffixes. - Compound Words – Most Common Roots: Nouns Denoting State/Process, Disease, Branch of Medicine; Nouns Denoting Surgical or Diagnostic Procedure, Human Body. - Compound Words – Most Common Roots: Nouns Denoting Body Fluids, Secretions, Substances. Adjectives/Numerals Denoting State, Quality, Quantity, Color. - Latin and Greek Equivalents Most Frequently Used in Medical Terms - Repetition in Exercises.	

Odporúčaná literatúra: Bujalková, M., Jurečková, A.: Terminologia Medica. Greco - Latin Medical Terminology. Bratislava : Univerzita Komenského 2013. 148 s. (handouts) ISBN 978-80-223-3394-8.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language, Latin language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 92						
A	ABS0	B	C	D	E	FX
51.09	0.0	33.7	10.87	3.26	1.09	0.0
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KAIM/J-S- VL-521/15	Názov predmetu: Basics of First Aid
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 100% participation in practical exercises, successful completion of pre-testing practices (written tests, oral examination, solving scenarios). Students are continuously reviews for their theoretical training to practical exercises and active participation in practical teaching -solution of case scenarios.	
Výsledky vzdelávania: After successful passing of the subject, student acquires general overview of the role of the first aid in medicine, he /she learns to quickly respond to critical situations and correctly protect health, prevention of further damage and saving of life. He/she will be motivated for study of other medical disciplines and acquires basic overview of medicine as a life-saving process. Great attention is paid on individual and collective management of model problems and acquirement of baseline clinical skills.	
Stručná osnova predmetu: Practical exercise: Introduction to First Aid Emergency Rescue and Transfer – Removal from Automobile Definition of Emergency Rescue Basic Resuscitation Steps: Respiratory Emergencies, Airway Obstructions, Cardiopulmonary Resuscitation Unconscious Victim Wounds – Definition, Causes, First Aid for Open Wounds Heat Stroke Burns – First Aid Delivery Procedures Drowning-Water accidents and Resuscitation	
Odporúčaná literatúra: https://www.ifrc.org/PageFiles/53459/IFRC%20-International%20first%20aid%20and%20resuscitation%20guideline%202011.pdf	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English	
Poznámky: Assessment: theoretical knowledge to practical exercises 100% participation in practical exercises Individual evaluation of activities on practical exercises	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 130						
A	ABS0	B	C	D	E	FX
68.46	0.0	20.0	7.69	3.08	0.77	0.0
Vyučujúci: prof. MUDr. Beata Sániová, PhD.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KAIM/2- JVL-521/09		Názov predmetu: Basics of First Aid				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia:						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Practical exercise: Introduction to First Aid Emergency Rescue and Transfer – Removal from Automobile Definition of Emergency Rescue Basic Resuscitation Steps: Respiratory Emergencies, Airway Obstructions, Cardiopulmonary Resuscitation Unconscious Victim Wounds – Definition, Causes, First Aid for Open Wounds Heat Stroke Burns – First Aid Delivery Procedures Drowning-Water accidents and Resuscitation						
Odporúčaná literatúra: http://www.tripleonecare.co.nz/site/tripleonecare/files/Triple%20One%20Care%20First%20Aid%20Book%20March%202013%20.pdf http://www.shermanlakeymca.org/cmsAdmin/uploads/CPR-AED-&-First-Aid-Participant-Manual.pdf						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 825						
A	ABS0	B	C	D	E	FX
68.61	0.73	19.03	7.76	3.27	0.48	0.12

Vyučujúci: prof. MUDr. Beata Sániová, PhD.
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚO/2- JVL-519/09	Názov predmetu: Basics of Nursing
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 4.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Subject completion is based on 2 partial written tests and the final exam; student must achieve at least 60 %. Evaluation: A: 91 – 100 %, B: 81 – 90 %, C: 73 – 80 %, D: 66 – 72 %, E: 60 – 65 %, Fx: less than 60 %	
Výsledky vzdelávania: By completion of the subject student gains reliable evidence-based information for safe healthcare practice. Student understands fundamental principles of nursing care provision and standard procedures of selected nursing techniques and interventions. While using the methods of simulation, demonstration, case study method and learning by doing method the student will gain theoretical knowledge and practical skills in performance of basic nursing procedures within nursing care provision. After completion of this subject while performing nursing procedures student will be able to: - argue for and justify the method / technique of the procedure chosen, - prepare equipment and supplies necessary to carry out the procedure, - assess the patient in relation to the procedure, - provide instructions and support the patient prior to the procedure, - prepare the patient for the procedure from physical perspective, - perform hand hygiene (hand washing and hygienic / surgical disinfection) - carry out the procedure independently while following clinical standards and guidelines, respecting the principles of asepsis, - communicate with the patient during the procedure, - record and document the procedure and value assessed, - provide patient education / instruction after the procedure, - process all the equipment and items used (decontamination). Acquired competences together with ability to argue for and justify the method / technique of the procedure chosen will be the basis for the ability to manage basic and frequently occurring clinical nursing situations and react to them correctly in real clinical practice in the future.	
Stručná osnova predmetu:	

Infection control in health care settings: Hospital acquired infection; Infection precautions; Methods of asepsis and antisepsis; Cleaning, disinfection and sterilisation (methods); Central sterile supply; Instrument processing.

Nursing care in surgery: Medical aseptic practices to break the chain of infection; Principles and practices of surgical asepsis; Hand washing procedure; Establishing and maintaining a sterile field.

Wound care: Wound classification; Wound healing; Dressing trolley; Materials for wound dressing (traditional / modern); Manipulation with sterile equipment (surgical instruments, sterile wound dressings); Wound assessment; Changing a wound dressing (cleaning a wound and applying sterile dressing).

Bandages and binders: Materials used for bandages and binders; General principles and rules of bandaging; Types of bandages; Application of bandages and binders.

Assessing and monitoring vital signs: Taking and assessing vital signs – taking a temperature, taking a pulse rate, taking a blood pressure, taking a respiration, monitoring a patient's oxygen saturation by pulse oximetry.

Diagnostic and lab tests: General principles of obtaining a sample for lab tests; Blood lab tests – biochemical, haematological and serological tests; Taking blood samples – venipuncture, skin puncture to obtain capillary blood specimens for blood sugar analysis, blood gas analysis (CBG), assistance in taking arterial blood sample; Sputum specimens; Nasal and throat swabs.

Applying medications: General rules; Routes of administration; Indications and complications; Safety precautions; Administering oral medications; Administering topical medications (applying medications to the skin and mucosa; eye, ear, nose medications; applying medications to body cavities – rectal and vaginal application).

Oxygen therapy and inhalations: Systems of oxygen therapy; Delivery devices; Safety precautions.

Parenteral application of medications – injections: Prevention of puncture injuries; Preparing and administering intradermal (ID), subcutaneous (SC) and intramuscular (IM) injections.

Parenteral fluid replacement therapy: Intravenous (IV) therapy and parenteral nutrition; Intravenous application of medications (IV injections, IV infusions); Initiating IV therapy – preparing the medication from ampoule / vial, preparing and assistance in administering IV injections and IV infusion; Peripheral IV line insertion and assistance in central line insertion; Guidelines to decrease the risk of intravascular infection. Blood therapy – preparation and assistance in administering blood therapy; Pre-transfusion tests; Adverse reactions to transfusion.

Enteral nutrition and enteral care: Nasogastric tube (NGT) insertion and NGT removal; Enteral feeding; Administering medications via tube – principles, complications.

Renal and urologic care: Collecting urine specimens; Assessing and examination of urine; Incontinence care; Assisting a patient in using an urinal; Urinary catheterization in female / male patient.

Managing patients with altered bowel elimination: Taking stool specimens; Using a bedpan; Types of enemas; Enema application.

Odporúčaná literatúra:

Dingová, M., Lepiešová, M., Rosenberg, A. et al.: Basics of Nursing. Textbook for Medical and Nursing Students. Martin : Comenius University in Bratislava, Jessenius Faculty of Medicine in Martin, 2011. 283 p. ISBN 978-80-88866-6-88-6.

Lepiešová, M., Dingová, M., Nemcová, J., Ovšonková, A., Miertová, M., Tabaková, M., Tomagová, M.: Basics of nursing presentations. Martin : JLFUK – portal MEFANET, 2012, 419 p. [online] ISBN 1337-7396 ISSN 1337-7396. Available at: <http://portal.jfmed.uniba.sk/articles.php?aid=187https://stella.uniba.sk/epc/JL/2012/vtls000257495.pdf>

Kozier, B., Berman, A., Erb, G., Snyder, S. J.: Fundamentals of Nursing: Concepts, Process and Practice. 7th ed. Pearson Prentice Hall, 2004. 1500 p. ISBN 0130455296.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 746						
A	ABS0	B	C	D	E	FX
43.43	0.54	38.61	13.4	2.95	0.4	0.67
Vyučujúci: prof. Mgr. Katarína Žiaková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚPF/2- JVL-557-1/4461/00		Názov predmetu: Breathing Disorders During Sleep				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Lectures and seminars: epidemiology of sleep-related breathing disorders, categories of sleep-related breathing disorders, pathomechanisms of snoring, increased upper airway resistance, obstructive and central apnoeic events and Pickwickian syndrome, cardiovascular, haematological, neurological, mental and endocrine complications of sleep-related breathing disorders, social consequences, symptomatology, sleep-related breathing disorders in patients with primary respiratory diseases, sudden infant death syndrome, management of sleep-related breathing disorders. Laboratory training: sleep laboratory service: polysomnography – registration of respiratory and cardiovascular parameters, oximetry, sleep architecture and muscle tone during sleep period and their evaluation.						
Odporúčaná literatúra: hand-outs						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 68						
A	ABS0	B	C	D	E	FX
61.76	30.88	2.94	1.47	0.0	1.47	1.47

Vyučujúci: prof. MUDr. Miloš Tatár, CSc.
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-556-1/5253/00		Názov predmetu: Clinical Biochemistry and Laboratory Medicine				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Laboratory „propedeutics: General,theoretical, technical and organizational items conected with clinical-biochemical diagnosis and short introduction to the laboratory medicine: test ordering, pre-test analytic phase (basic rules, proper patient preparation for testing), analytical test phase, sources of variability, causes of possible abnormal results (interfering factors), sources of variability-analytical ,biological and also chronobiological influences, reference ranges/individual reference values/, post-test phase, general approach for verifying laboratory results; interference of diagnostic and therapeutic procedures; Examinations panels: preoperation and postoperation set, inflammatory proces activity determination; diabetes monitoring set, atherosclerosis risk set, thrombophilia-, nutrition status-, oncological-, cardiology set (myocardial infarction and hypertension lab. diagnostics), autoimmune disease set, renal and liver set, tumor markers, endocrinological set, gastroenterological and liver subset, osteoporosis monitoring, acid-base and homeostasis monitoring set. All mentioned diagnostic problems are discussed on the case-oriented approach .						
Odporúčaná literatúra: Marks V., Cantor T., Mesko D., Pullmann R., Nosalova G.: Diferential Diagnosis by Laboratory Medicine, Springer, 2002 Brown, Mitchell, Young: Chemical Diagnosis of Disease, Elsevier, 1998						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 11						
A	ABS0	B	C	D	E	FX
72.73	0.0	27.27	0.0	0.0	0.0	0.0

Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-582-1/4C4D/00		Názov predmetu: Clinical Immunology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: MUDr. Jana Straková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-607-1/5298/00	Názov predmetu: Clinical microbiology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - it is obligatory to be present at practicals (1 absence is tolerated) - oral presentation according the schedule Evaluation - evaluation of students	
Výsledky vzdelávania: The student receives information from clinical microbiology, direct and indirect detection of infectious diseases that he is able to use during diagnostical process of different systems infections. Student is able to apply them in differential diagnosis of infection in different patients groups (fetus, newborn, infant, adult, immunocompromised, geriatric).	
Stručná osnova predmetu: - Medical bacteriology - Medical virology - Medical parasitology - Medical mycology - Etiology of infections of respiratory tract - Etiology of infections of gastrointestinal tract - Etiology of infections of urogenital tract - Etiology of infections of skin and soft tissue - Etiology of infections of NS - Etiology of infections of liver, bloodstream and other organs (eye, ear, bones ...) Pathogenesis of infections Modern diagnostical approaches and their use and interpretation	
Odporúčaná literatúra: Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s. Učebné texty na MEFANETe http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119 a web stránke Ústavu mikrobiológie a imunológie Greenwood D, Barer M, Slack R, Irwing W. Medical Microbiology Eighteenth Edition. Edinburgh: Elsevier Saunders 2012; pp. 778.	

Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874. Carey A.R. a kol. Lékařská mikrobiologie v klinických případech Praha, Stanislav Juhaňák Triton, 2011						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 6						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Elena Nováková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚPF/2- JVL-583-1/4C4E/00	Názov predmetu: Clinical Pathophysiology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures: importance of basic science knowledge in clinical practice, the role of clinical research in recognition of the pathomechanisms of diseases, symptoms and signs of diseases: the role of tissue injury, involvement of compensatory and defensive mechanisms, occurrence of positive feed-backs in the development of pathological processes, scoring systems: quantification of symptoms intensity and clinical state of patient, pathomechanisms of disease complications, clinical thinking and differential diagnosis, evidence based medicine – modern management of diseases. Seminars and clinical training: problem-based teaching methods are using to solve clinico-pathophysiological tasks in „virtual patient“, evaluation of symptoms and signs in patients suffering from different cardiovascular, respiratory, renal and gastrointestinal diseases and their pathophysiological interpretation; concentration to pathophysiological analysis of patient symptoms, mechanisms for the developmental progression of disease and pathophysiological principles of treatment.	
Odporúčaná literatúra: hand-outs http://www.medinfo.sk	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 74						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Miloš Tatár, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚFa/2- JVL-581/11		Názov predmetu: Clinical Pharmacology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety: JLF.ÚFa/2-JVL-530/10						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Antibiotics in clinical practice. Hypertension and its treatment. Atherosclerosis and its treatment. Osteoporosis and its treatment. New trends in the treatment of bronchial asthma vs. COPD. Current aspects to pharmacoeconomics. Pharmacotherapy of pain. Case studies: Diabetes mellitus. Antimicrobial therapy. Antithrombotic and anticoagulant therapy. Therapy of some cardiovascular diseases. Pharmacotherapy in childhood. Clinical Pharmacology of cancer therapy.						
Odporúčaná literatúra: The obligatory literature: B. Kaztung et al.: Basic and Clinical Pharmacology. McGrawHill Lange 12th Ed, 2012, 1229 s. P. N. Bennet et al.: Clinical Pharmacology. Churchill Livingstone Elsevier, 11th Ed, 2012, 667 s. H. P. Rang et al.: Rang and Dale`s Pharmacology. Elsevier Churchill Livingstone, 7th Ed, 2012, 777 s. - dostupné v rámci intranetu JLF UK aj online (http://elsevierelibrary.co.uk/bookshelf)						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 267						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. RNDr. Soňa Fraňová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-593-1/5158/00	Názov predmetu: Course for Dissertation (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 Za obdobie štúdia: 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Preparing a thesis outline, information retrieval – submitted to the thesis supervisor	
Výsledky vzdelávania: A student chooses a topic of a thesis, and together with a supervisor he/she determines a strategy of thesis preparation (schedule), prepares a working outline of a thesis, presents the main objective of work and information retrieval.	
Stručná osnova predmetu: Becoming familiar with the internal regulations related to thesis preparation. Becoming familiar with the basic stages of thesis preparation. Choosing a thesis topic. Strategy of thesis preparation (schedule). Working outline of a thesis, presentation of work objective. Information retrieval - searching documents related to the topic. Consultations.	
Odporúčaná literatúra: In each student individually according to the diploma thesis assignment. Internal Regulation No. 12/2013 Guideline of the Rector of Comenius University in Bratislava on the Basic Essentials of Theses, Rigorous Theses and Habilitation Theses, Check of Their Originality, Their Storage and Accessing at Comenius University in Bratislava Internal Regulation No. 43/2013 Decision of the Dean of the Jessenius Faculty of Medicine in Martin CU on Theses (bachelor's and master's) of students of JFMED CU in Martin Hanacek J, Javorka K et al. Introduction to Scientific Work. Textbook for Medical Students. ŠEVT a.s., Bratislava, 2011. 196 p. ISBN 978-80-88866-95-4.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 430						
A	ABS0	B	C	D	E	FX
80.93	12.56	4.65	1.16	0.0	0.47	0.23
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-595/10	Názov predmetu: Course for Dissertation (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 3,57 Za obdobie štúdia: 53,55 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Submission of final thesis outline.	
Výsledky vzdelávania: A student is able to choose relevant documents and information related to the given topic, he/she is able to work with literature and knows how to cite it correctly. He/she can gather and process research material (according to the aim of a thesis).	
Stručná osnova predmetu: Becoming familiar with the content of the documents obtained in the information retrieval in details, reading, studying. Selection of relevant documents and information for further processing. Ways of citations. Method of diploma thesis elaboration (information gathering and processing) according to the aim of a thesis). Thesis elaboration – final thesis outline, layout of the material into content-related units. Independent research work of students – according to the aim of a thesis. Consultations.	
Odporúčaná literatúra: In each student individually according to the diploma thesis assignment Internal Regulation No. 12/2013 Guideline of the Rector of Comenius University in Bratislava on the Basic Essentials of Theses, Rigorous Theses and Habilitation Theses, Check of Their Originality, Their Storage and Accessing at Comenius University in Bratislava Internal Regulation No. 43/2013 Decision of the Dean of the Jessenius Faculty of Medicine in Martin CU on Theses (bachelor's and master's) of students of JFMED CU in Martin Hanacek J, Javorka K et al. Introduction to Scientific Work. Textbook for Medical Students. ŠEVT a.s., Bratislava, 2011. 196 p. ISBN 978-80-88866-95-4.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 316						
A	ABS0	B	C	D	E	FX
93.67	0.0	4.11	1.58	0.32	0.32	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚFa/2- JVL-596/11	Názov predmetu: Course for Dissertation (3)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 3,57 Za obdobie štúdia: 53,55 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Fulfilment of particular parts of thesis outline in the form of material from the study and/or research (according to the aim of thesis).	
Výsledky vzdelávania: A student is able to choose relevant documents and information related to the given topic, he/she is able to work with literature and knows how to cite it correctly. He/she can gather and process research material (according to the thesis topic). A student is able to create a text as far as formal requirements and content are concerned.	
Stručná osnova predmetu: Becoming familiar with the content of other documents obtained in the information retrieval in details, reading, studying. Selection of relevant documents and information for further processing. Summarizing the bibliography. Thesis elaboration – filling the particular parts of a final outline of thesis with material from the study and research (according to the aim of a thesis), thesis text elaboration. Preparation of documentation related to thesis – bibliography, illustrations, tables. Independent research work of students – according to the aim of a thesis. Consultations.	
Odporúčaná literatúra: In each student individually according to the diploma thesis assignment Internal Regulation No. 12/2013 Guideline of the Rector of Comenius University in Bratislava on the Basic Essentials of Theses, Rigorous Theses and Habilitation Theses, Check of Their Originality, Their Storage and Accessing at Comenius University in Bratislava Internal Regulation No. 43/2013 Decision of the Dean of the Jessenius Faculty of Medicine in Martin CU on Theses (bachelor's and master's) of students of JFMED CU in Martin Hanacek J, Javorka K et al. Introduction to Scientific Work. Textbook for Medical Students. ŠEVT a.s., Bratislava, 2011. 196 p. ISBN 978-80-88866-95-4.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	

English language						
Poznámky:						
Hodnotenie predmetov						
Celkový počet hodnotených študentov: 269						
A	ABS0	B	C	D	E	FX
93.68	0.0	2.97	2.6	0.37	0.37	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava					
Fakulta: Jessenius Faculty of Medicine in Martin					
Kód predmetu: JLF/2-JVLSS5a/09		Názov predmetu: Defense of Diploma Thesis			
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning					
Počet kreditov: 0					
Odporúčaný semester/trimester štúdia: 11., 12..					
Stupeň štúdia: I.II.					
Podmieňujúce predmety:					
Podmienky na absolvovanie predmetu:					
Výsledky vzdelávania:					
Stručná osnova predmetu:					
Odporúčaná literatúra:					
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:					
Poznámky:					
Hodnotenie predmetov Celkový počet hodnotených študentov: 293					
A	B	C	D	E	FX
66.89	18.43	8.53	3.75	2.39	0.0
Vyučujúci:					
Dátum poslednej zmeny: 22.07.2015					
Schválil:					

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.DK/2- JVL-544/12		Názov predmetu: Dermatovenerology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 5						
Odporúčaný semester/trimester štúdia: 7.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 335						
A	ABS0	B	C	D	E	FX
33.73	0.0	43.28	18.21	2.99	1.79	0.0
Vyučujúci: prof. MUDr. Juraj Pěč, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚPF/2- JVL-613/13		Názov predmetu: Diploma Thesis				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning						
Počet kreditov: 5						
Odporúčaný semester/trimester štúdia: 11., 12..						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 159						
A	ABS0	B	C	D	E	FX
82.39	0.0	8.18	7.55	0.63	1.26	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-606-1/532D/00	Názov predmetu: Emergency Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Students are evaluated by written test at the end of the winter semester. Mandatory requirements for taking the test is 100 % attendance of clinical practices. During semester, students are evaluated by short written tests and by performing practical skills on resuscitation manikins. Management of various scenarios in prehospital emergency care is evaluated by computer modeling.	
Výsledky vzdelávania: By completion of the subject Emergency medicine in the 9th semester, student acquires practical skills in the field of cardiopulmonary resuscitation. Student acquires appropriate practical skills in the management of the life-threatening situations, he/she learns work organization in prehospital care during mass accidents. He/she applies knowledge learned in determining subjects. After the subject completion, student will be able to identify and analyze particular life-threatening situations in adult and pediatric patients.	
Stručná osnova predmetu: Introduction to emergency medicine, definitions Content of emergency medicine study and relation to other subjects of pregraduate education (first aid, pharmacology, neurology). Emergency medicine – the role and the importance. Continuation of ongoing lay person and professional first aid. Disorders of consciousness: traumatic and non-traumatic causes. Management of patients with spinal cord injuries Polytrauma in prehospital health care. Emergency cardiovascular situations – cardiogenic pulmonary edema, arrhythmias, acute coronary syndrome Acute respiratory insufficiency, airway obstruction in adults and children Management of patients with intoxications in prehospital setting Seizures in emergency medicine. Management of patients in hypovolemic shock Adult, pediatric and neonatal advanced life support. Resuscitation in special situations. Indications and contraindications of cardiopulmonary resuscitation in prehospital setting.	

Management of patients with brain injury. Skull and brain injuries – principles of care in prehospital care. Personal and technical requirements for emergency medical care.						
Odporúčaná literatúra: ERC 2010 guidelines, www.erc.edu Cameron P (editor): Textbook of adult emergency medicine, 3rd, Churchill Livingstone, 2009, Cameron P (editor) Textbook of pediatric emergency medicine, 2ng, Churchill Livingstone, 2011 James G. Adams Emergency Medicine, 2nd Edition. Elsevier, 2014						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 379						
A	ABS0	B	C	D	E	FX
81.0	0.0	12.14	5.28	1.58	0.0	0.0
Vyučujúci: prof. MUDr. Beata Sániová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-591-1/4C75/00	Názov predmetu: Family Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - 100% attendance of the practical lessons,	
Výsledky vzdelávania:	
Stručná osnova predmetu: Dpt. of Pediatrics (MUDr. Ľ. Jakušová, PhD.) 1. Medical care in neonatal period and infancy. 2. Common diseases in childhood. Dpt. of Internal Medicine (Doc. MUDr. J. Sadloňová, PhD., 3. Structure of outpatient health care. Physician's position in family. Problems of adult age. 4. The aging patient/Medical problems of the elderly. Specifics of cardiovascular and metabolic diseases. 5. Differential diagnosis and preventive measures in primary care related to cardiopulmonary and metabolic system. Nutrition in primary care.	
Odporúčaná literatúra: 1. Harrison's Principles of Internal medicine Vol. 1., 2. New York: McGraw-Hill Inc., 1994. 2496 pp. ISBN 0-07-113380-1 2. Stein, J.H.: Internal Medicine. Diagnosis and Therapy. London: Prentice Hall, 1993. 654 pp. ISBN 0-8385-1086-8 3. Behrman, R.E.: Nelson Textbook of Pediatrics. Philadelphia: W. B. Saunders Comp., 1992. 1965 pp. ISBN 0-7216-7216-2976-8 1996. 2200 pp. ISBN 0-7216-5578-5 2000. 2618 pp. ISBN 0-7216-9556-6 4. Allen, Hugh D. et al.: Moss and Adams' Heart Disease in Infants, Children and Lippincott Williams & Wilkins, 2001. 1468 pp.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 377						
A	ABS0	B	C	D	E	FX
93.37	6.37	0.0	0.0	0.27	0.0	0.0
Vyučujúci: doc. MUDr. Jurina Sadloňová, CSc., doc. MUDr. Ľubica Jakušová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚSLME/2- JVL-577/11		Názov predmetu: Forensic Medicine and Medical Legislative				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 2						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: I. Basics of Penal and Civil Code, legal responsibilities in a medical profession. II. Forensic thanatology. III. Administrative and practical tasks on the crime scene investigation. IV. Basics of forensic alcoholology and toxicology. V. Forensic traumatology, evaluation and insurance compensation of traumatic accidents VI. Drugs and drug abuse, types of dependencies VII. Medical aspects of traffic accidents, single and double-trace vehicles VIII. Injuries caused by firearms, explosives						
Odporúčaná literatúra: Buris, L.: Forensic Medicine. Springer Vrlg., 1993, 416 pp DiMaio, V.J., DiMaio, D.: Forensic Pathology, CRC Press, Washington, D.C., 2001, 565 pp						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 306						
A	ABS0	B	C	D	E	FX
82.35	0.0	14.38	2.61	0.33	0.33	0.0
Vyučujúci: prof. MUDr. František Novomeský, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDD/2- JVL-615/11		Názov predmetu: Functional examination of lungs in childhood				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: MUDr. Jaroslav Fábry, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava					
Fakulta: Jessenius Faculty of Medicine in Martin					
Kód predmetu: JLF.GPK/2-JVL-SS1a/09		Názov predmetu: Gynecology and Obstetrics			
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning					
Počet kreditov: 0					
Odporúčaný semester/trimester štúdia: 11., 12..					
Stupeň štúdia: I.II.					
Podmieňujúce predmety:					
Podmienky na absolvovanie predmetu:					
Výsledky vzdelávania:					
Stručná osnova predmetu:					
Odporúčaná literatúra:					
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:					
Poznámky:					
Hodnotenie predmetov Celkový počet hodnotených študentov: 296					
A	B	C	D	E	FX
38.85	34.46	15.88	6.76	4.05	0.0
Vyučujúci:					
Dátum poslednej zmeny: 22.07.2015					
Schválil:					

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.GPK/2- JVL-562/14	Názov predmetu: Gynecology and Obstetrics (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 90% mandatory participation on practical exercises	
Výsledky vzdelávania: Total number of students assessed: 100 A: 100%, B: 0 %, C: 0 %, D: 0%, E: 0 %, FX: 0 %, ABS0: 0 %	
Stručná osnova predmetu: Anatomy and physiology of female genital organs. Female pelvis. Birth canal. Female pelvis in obstetrics. Ovarian and menstrual cycle. Neuro-humoral regulation. Cyclic changes of internal genital organs in female life periods. Special diagnosis in gynecology and obstetrics. Female life periods. Fertilization and next development of fertilized ovum. Changes in female organism during pregnancy. Fetus, umbilical cord, amniotic fluid and placenta at the end of pregnancy. Placental and fetal circulation. Pregnancy diagnosis. Prenatal health care. Diet and life style of pregnant women. Drugs and pregnancy. Normal delivery – causes, physiology of labor, labor phases, management of vaginal delivery. Home labor and labor under extraordinary conditions. Normal puerperium. Basic demographic parameters. Breech delivery. Surgical techniques during breech delivery. Planned parenthood. Contraception.	
Odporúčaná literatúra: Cunningham, F. et al.: Williams Obstetrics. McGraw-Hill Professional; 23rd ed., 2009, 1404 pages, ISBN-10: 0071497013. Hoffman, B. et al.: Williams Gynecology. McGraw-Hill Professional; 2nd ed., 2012, 1401 pages, ISBN-10: 0071716726.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 152						
A	ABS0	B	C	D	E	FX
99.34	0.0	0.0	0.0	0.66	0.0	0.0
Vyučujúci: prof. MUDr. Ján Danko, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.GPK/2- JVL-563/14	Názov predmetu: Gynecology and Obstetrics (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 90% mandatory participation on practical exercises	
Výsledky vzdelávania: Total number of students assessed: 47 A: 47%, B: 0 %, C: 0 %, D: 0%, E: 0 %, FX: 0 %, ABS0: 0 %	
Stručná osnova predmetu: Abnormalities in duration of pregnancy. Pre-induction and induction of abortion and labor. Bleeding disorders in pregnancy and during labor. Amniotic fluid embolism. Disseminated intravascular coagulopathy. Irregularities of the menstrual cycle – diagnosis and therapy. Contraception. Benign tumors and pre-cancerosis of female genital tract. Malignant tumors of female genital tract. Anticancer strategy. Inflammatory diseases in gynecology. Puerperal infections. Endometriosis. Pelvic pain syndrome. Endoscopy and laser therapy in gynecology. Diseases in pregnancy. Multiple pregnancy. Labor dystocia. Urinary incontinence - diagnosis and treatment. Sterility and infertility. Basics and techniques of assisted reproductive medicine. Ovarian hyperstimulatory syndrome. Premature rupture of membranes. Amniotic fluid assessment. Fetal hypotrophy. Placental pathology. Diagnosis and therapy of threatened fetus during pregnancy and delivery. Immunological problems in pregnancy. Climacteric period. Acute situations in gynecology and obstetrics. Inflammatory diseases of female genital tract. Sacral pain syndrome.	
Odporúčaná literatúra: Cunningham, F. et al.: Williams Obstetrics. McGraw-Hill Professional; 23rd ed., 2009, 1404 pages, ISBN-10: 0071497013. Hoffman, B. et al.: Williams Gynecology. McGraw-Hill Professional; 2nd ed., 2012, 1401 pages, ISBN-10: 0071716726.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 145						
A	ABS0	B	C	D	E	FX
99.31	0.0	0.0	0.0	0.69	0.0	0.0
Vyučujúci: prof. MUDr. Ján Danko, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.GPK/J- JVL-564/13	Názov predmetu: Gynecology and Obstetrics (3)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 40 Za obdobie štúdia: 600 Metóda štúdia: on-site learning	
Počet kreditov: 9	
Odporúčaný semester/trimester štúdia: 11., 12..	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Written examination	
Výsledky vzdelávania: Total number of students assessed: 49 A: 38.8%, B: 42.9 %, C: 16.3%, D: 0%, E: 2%, FX: 0 %, ABS0: 0 %	
Stručná osnova predmetu: Anatomy and physiology of female genital organs. Female pelvis. Birth canal. Female pelvis in obstetrics. Ovarian and menstrual cycle. Neuro-humoral regulation. Cyclic changes of internal genital organs in female life periods. Special diagnosis in gynecology and obstetrics. Female life periods. Fertilization and next development of fertilized ovum. Changes in female organism during pregnancy. Fetus, umbilical cord, amniotic fluid and placenta at the end of pregnancy. Placental and fetal circulation. Pregnancy diagnosis. Prenatal health care. Diet and life style of pregnant women. Drugs and pregnancy. Normal delivery – causes, physiology of labor, labor phases, management of vaginal delivery. Home labor and labor under extraordinary conditions. Normal puerperium. Basic demographic parameters. Breech delivery. Surgical techniques during breech delivery. Planned parenthood. Contraception. Benign tumors and pre-cancerosis of female genital tract. Malignant tumors of female genital tract. Anticancer strategy. Inflammatory diseases in gynecology. Puerperal infections. Endometriosis. Pelvic pain syndrome. Endoscopy and laser therapy in gynecology. Diseases in pregnancy. Multiple pregnancy. Labor dystocia. Urinary incontinence - diagnosis and treatment. Sterility and infertility. Basics and techniques of assisted reproductive medicine. Ovarian hyperstimulatory syndrome. Premature rupture of membranes. Amniotic fluid assessment. Fetal hypotrophy. Placental pathology. Diagnosis and therapy of threatened fetus during pregnancy and delivery. Immunological problems in pregnancy. Climacteric period. Acute situations in gynecology and obstetrics. Inflammatory diseases of female genital tract. Sacral pain syndrome.	
Odporúčaná literatúra: Cunningham, F. et al.: Williams Obstetrics. McGraw-Hill Professional; 23rd ed., 2009, 1404 pages, ISBN-10: 0071497013. Hoffman, B. et al.: Williams Gynecology. McGraw-Hill Professional; 2nd ed., 2012, 1401 pages, ISBN-10: 0071716726.	

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 162						
A	ABS0	B	C	D	E	FX
58.02	0.0	25.93	11.73	2.47	1.85	0.0
Vyučujúci: prof. MUDr. Ján Danko, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KHT/2- JVL-565/13	Názov predmetu: Hematology and Transfusiology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Assesment of students is performed by written form - test with 10-20 questions; student is required to achieve for success $\geq 60\%$ (A: 91-100%, B: 81-90%, C: 71-80%, D: 61-70%, E: 60%, FX: < 60%).	
Výsledky vzdelávania: After completion of the Hematology and transfusiology the student gets practical and well arranged information about hematologic and hematooncologic diseases, is informed about possible changes in blood count and hemostatic system of hematologic and hematooncologic patients, understands pathomechanism of selected disorders, gains knowledge about examination of patient with hematologic disease and medical record writing, is able to propound the algorithm of basic laboratory and other examinations, to make differential diagnosis and knows the basic principles of treatment. Student obtains information about the routine practice in hematological laboratories, acquires knowledge about blood groups and transfusion service. Completion of the Hematology and transfusiology contributes to formation of the students ethical approach to patients with hematologic and hematooncologic diseases.	
Stručná osnova predmetu: - Anaemia: Definition of the anaemic syndrome, classification, morphologic and pathophysiologic criteria, clinical and laboratory findings in patients with anaemia, diagnostics of anaemia; iron deficiency anaemia, megaloblastic anaemia, hemolytic anaemia, anaemia of chronic diseases, dif.dg. approach to microcytic, macrocytic and normocytic anaemias, treatment of anaemia. Blood count and blood smear - anizocytosis, poikilocytosis, hypochromic red blood cells. - Disorders of hemostasis: Physiology of hemostasis, primary hemostasis, hemocoagulation, fibrinolysis. Basic examination of hemostasis, importance of coagulation tests - APTT, PT, TT and platelet count examination, bleeding time, D-dimers, fibrinolytic activity, natural inhibitors of hemostasis, antiphospholipid antibodies, value of PCR in diagnostics of gene polymorphisms. Bleeding disorders: pathophysiology, classification, diagnostics, dif.dg. and treatment. Thrombophilia: definition, arterial and venous thrombosis, the most common thrombophilic states, resistance to activated protein C (factor V Leiden), prothrombin gene mutation, hyperhomocysteinaemia, deficiency of natural inhibitors of coagulation, sticky platelet	

syndrome, diagnostics and treatment of thrombophilia, National registry of thrombophilic states, care about patient with thrombophilia

- Leukaemia: Definition, acute and chronic leukaemias, myeloblastic and lymphoblastic leukaemias, FAB a WHO classification of acute leukaemias, clinical and laboratory findings
- cytology, flow cytometry, cytogenetics and histology of bone marrow, demonstration of bone marrow examination procedure (bone marrow aspiration and trephine biopsy), dif. dg, myelodysplastic syndrome (MDS) and aplastic anaemia, treatment of leukaemia - chemotherapy (induction, consolidation, intensification), bone marrow transplantation, supportive care, definition or leukaemia relapse and remission.

- Malignant lymphomas (ML): Definition, Hodgkin and non-Hodgkin lymphoma, B- and T-cell lymphomas, clinical findings, histological diagnostics (biopsy of lymph node, extranodal tissue and bone marrow), importance of laboratory tests and oncomarkers, role of ultrasound, X-ray, CT, MRI and PET-CT examinations in diagnostics, staging and re-staging of ML, indolent and aggressive ML, extranodal lymphoma, multiple myeloma, role of chemotherapy, immunotherapy, irradiation and stem cell transplantation in treatment of ML, IPI - international prognostic index for ML.

- Myeloproliferative neoplasms (MPN): Definition and classification of MPN, clinical and laboratory characteristics, definition of individual diseases - polycythemia vera, essential thrombocytosis, primary myelofibrosis, chronic myelogenous leukaemia, diagnostics and dif.dg. of MPN, current treatment possibilities and prognosis of MPN.

- Transfusiology: Definition of blood transfusion, blood groups, blood donating, transfusion service in SR, administration of blood products, compatibility test, bed-side test, biological exam, indications for treatment with blood products and blood-based derivatives, storage and examinations of blood products, visit of hematological laboratory and blood bank - demonstration of blood group testing and compatibility test examination. Practical administration of blood product (bed-side test, biological exam), post-transfusion reaction and its treatment.

Odporúčaná literatúra:

1. Mehta A.B., Hoffbrand A.V. et al., Haematology at a glance, 4th Edition, Wiley-Blackwell, 2014, 136 pp., ISBN : 978-1-118-73467-4
2. Provan D., ABC of Clinical Haematology, 3rd Edition, Wiley-Blackwell, 2009, 112 pp., ISBN: 978-1- 4443-1268-3
3. Longo D.L. et al., Harrison Principles of Internal Medicine. New York: McGraw – Hill, 2011. 2800 pp. ISBN 9780071748896
4. Rodak B.F., et al., Hematology: Clinical Principles and Applications. Philadelphia: Saunders, 2015. 912 pp. ISBN 0323239064
5. Rodgers G.P., Young, N.S., The Bethesda Handbook of Clinical Hematology. Philadelphia: Lippincott Williams & Wilkins, 2013. 512 pp. ISBN 1451182708
6. Abraham J. et al., The Bethesda Handbook of Clinical Oncology. Philadelphia: Lippincott Williams & Wilkins, 2014. 800 pp. ISBN 1451187580
7. Anderson S., Poulsen K.B., Anderson's Atlas of Hematology. Philadelphia: Lippincott Williams & Wilkins, 2013. 608 pp. ISBN 145113150X
8. Rodak B.F., Carr J.H., Clinical Hematology Atlas. Philadelphia: Saunders, 2012. 272 pp. ISBN 1455708305
9. Pereira I. et al., Atlas of Peripheral Blood: The Primary Diagnostic Tool. Philadelphia: Lippincott Williams & Wilkins, 2011. 304 pp. ISBN 0781777801
10. Greer J.P. et al., Wintrobe's Clinical Hematology. Philadelphia: Lippincott Williams & Wilkins, 2013. 2312 pp. ISBN 1451172680
11. Kaushansky K. et al., Williams Hematology. New York: McGraw-Hill Professional, 2010. 2460 pp. ISBN 0071621512

12. McKenzie S.B, Williams L., Clinical Laboratory Hematology. New Jersey: Prentice Hall, 2014. 1032 pp. ISBN 0133076016						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 216						
A	ABS0	B	C	D	E	FX
67.59	0.0	19.44	6.48	4.17	2.31	0.0
Vyučujúci: prof. MUDr. Peter Kubisz, DrSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚHE/2- JVL-505-1/4169/00	Názov predmetu: Histology and Embryology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 2 Za obdobie štúdia: 60 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - Student actively participates in 93% of all practical sessions (a student is allowed to miss out one practicum for serious reason). - Forms of knowledge control: 1. discussion by microscope – description of histological slides (in case that student is not able to discuss histomorphology of basic human tissues in question, he/she will be asked to substitute the session in the last compensatory week), 2. student is required to pass 3 written tests (1 question, 4 possible answers, only one is correct), minimum percentage to pass each test is 70%, 3. practical (credit exam) – to diagnose and describe 2 human tissues slides (discussion and final result on responsibility of teacher).	
Výsledky vzdelávania:	
Stručná osnova predmetu: - Introduction to histology and embryology, role of histology and embryology in medical study. Cell in light microscopy and electron microscopy (review). - Functional histology of epithelial tissue I and II - covering and glandular epithelia, clinical correlations. - Functional histology of supporting / connective tissues - cells, extracellular matrix, fibers, types of connective tissues, clinical correlations. - Functional histology of skeletal tissues - cartilages and bones, clinical correlations. - Functional histology of bone marrow, peripheral blood, composition of plasma, stem cell, haematopoiesis topography, reactive elements, interstitium, clinical correlations. - Functional histology of muscles - general characteristics, types of muscles, mechanism of contraction, connective tissue associated with muscles, regeneration of muscles, clinical correlations. - Functional histology of nervous tissues - neuron synapses, division of nervous system, white and gray matter, degeneration and regeneration, clinical correlations.	

- Central and peripheral nervous system - embryology, meninges and spaces, cerebrum, cerebellum, spinal cord, peripheral nerves, functional histology of CNS and PNS, cerebrospinal fluid, clinical correlations.
- Cardiovascular system I - embryology, general organization, structure of heart wall – endocard, myocard, epicard, conducting system, clinical correlations.
- Cardiovascular system II - embryology, arteries, veins, capillaries, lymphatics, clinical correlations.
- Respiratory system - embryology, general organization and subdivision, upper portion, trachea, bronchial tree, respiratory portion, BALT, clinical correlations.
- Digestive system I, oral cavity - embryology, epithelial lining, tongue, development of tooth, structure of tooth and associated structures, clinical correlations.
- Digestive system II, alimentary canal - embryology, pharynx, esophagus, stomach, small and large intestines, appendix, anus, GALT system, clinical correlations.
- Digestive system III, glands - embryology, types of secretory cells, salivary glands, saliva, liver, gallbladder, pancreas, clinical correlations.
- Differential diagnosis of human tissues and organs.

Odporúčaná literatúra:

Junqueira, L. C., Carneiro, J., Kelly, R. O.: Basic Histology. London: Prentice - Hall Int. Inc., 1992. 518 pp. ISBN 0838505791

Adamkov M. et al.: Introduction to functional histology-textbook. P+M Turany, 2nd edition, 2013, 425 s.

Moor, K., L., Persaud, T., V., N.: Before we are born (Essentials of Embryology and Birth Defects). 6th Edition, Saunders, 2003.

Gartner, L., P., Hiatt, J., L.: Color Textbook of Histology, Philadelphia: W. B. Saunders comp., 2001. 577 pp. ISBN 0-7216-8806-3

Gartner, L., P., Hiatt, J., L.: Color Atlas of Histology. 3rd Edition, Lippincott Williams and Wilkins, 2000.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 1023

A	ABS0	B	C	D	E	FX
17.89	25.51	22.48	19.06	10.85	4.2	0.0

Vyučujúci: prof. MUDr. Marian Adamkov, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚHE/2- JVL-506-1/4248/00	Názov predmetu: Histology and Embryology (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 7	
Odporúčaný semester/trimester štúdia: 3.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - Student actively participates in 93% of all practical sessions (a student is allowed to miss out one practicum for serious reason). - Forms of knowledge control: 1. discussion by microscope – description of histological slides (in case that student is not able to discuss functional histology of human tissues and organs in question, he/she will be asked to substitute the session in the last compensatory week), 2. student is required to pass 2 written tests (1 question, 4 possible answers, only one is correct), minimum percentage to pass each test is 70%, 3. practical (credit exam) – to diagnose and describe 2 human tissues slides (discussion and final result on responsibility of teacher).	
Výsledky vzdelávania:	
Stručná osnova predmetu: - Lymphoid system - embryology, classification of lymphocytes, primary and secondary lymphatic organs and tissues, functional histology of thymus, lymph node, spleen, and tonsil, clinical correlations. - Endocrine system - embryology, principles of endocrine glands, hormones classification, functional histology of hypothalamus, adenohypophysis and neurohypophysis, thyroid gland, parathyroid glands, adrenal glands, and Langerhans islets, clinical correlations. - Urinary system - embryology, composition of urinary system, functional histology of kidney, blood circulation, histological structure of ureter, urinary bladder, and urethra, clinical correlations. - Reproductive systems - embryology, general characteristics of male reproductive system, structure and functions of testes, excretory genital ducts, accessory glands, clinical correlations. General characteristic of female reproductive system – structure and functions of ovaries, uterus, including cervix, uterine tube, and vagina, clinical correlations. - Skin - embryology, general structure of skin, functional histology of epidermis, including basal lamina, dermis, and hypodermis, structure and functions of epidermal derivatives, wound healing, clinical correlations.	

- Breast - embryology, functional histology of inactive (resting) mammary gland, during pregnancy, and during lactation, milk, hormone regulations, clinical correlations.
- Differential diagnosis of human tissues and organs.
- Apoptosis - general characteristics, pathways, regulations, main histomorphological, biochemical, and physiological features, role in normal and pathological tissues, clinical correlations.
- Principles of immunohistochemistry, antigens, antibodies, CD system, application in differential diagnosis of normal and pathological human tissues, clinical correlations.
- Gametogenesis - spermatogenesis and spermiogenesis, functional histology of sperm, spermatogenesis, functional histology of ovum, ovulation, corpus luteum, clinical correlations.
- Fertilization - phases of fertilization, zygote, development of blastocyst, causes of infertility, clinical correlations.
- Menstrual cycle - functional histology of endometrium, phases of menstrual cycle, preparation of endometrium for implantation.
- Implantation - phases of implantation, decidual reaction, simultaneous development of conceptus, clinical correlations.
- Placenta - development of placenta, functional histology of placenta, utero-placental membrane and permeability, clinical correlations.
- Embryonal and fetal period of development, birth defects (review).

Odporúčaná literatúra:

Junqueira, L. C., Carneiro, J., Kelly, R. O.: Basic Histology. London: Prentice - Hall Int. Inc., 1992. 518 pp. ISBN 0838505791

Moor, K., L., Persaud, T., V., N.: Before we are born (Essentials of Embryology and Birth Defects). 6th Edition, Saunders, 2003.

Gartner, L., P., Hiatt, J., L.: Color Textbook of Histology, Philadelphia: W. B. Saunders comp., 2001. 577 pp. ISBN 0-7216-8806-3

Gartner, L., P., Hiatt, J., L.: Color Atlas of Histology. 3rd Edition, Lippincott Williams and Wilkins, 2000.

Adamkov M. et al.: Introduction to functional histology-textbook. P+M Turany, 2nd edition, 2013, 425 s.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 924

A	ABS0	B	C	D	E	FX
11.26	0.11	10.82	20.45	21.21	30.19	5.95

Vyučujúci: prof. MUDr. Marian Adamkov, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚHE/J-S- VL-505/15	Názov predmetu: Histology and Embryology 1
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 2 Za obdobie štúdia: 60 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia: 2.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - Student actively participates in 93% of all practical sessions (a student is allowed to miss out one practicum for serious reason). - Forms of knowledge control: 1. discussion by microscope – description of histological slides (in case that student is not able to discuss histomorphology of basic human tissues in question, he/she will be asked to substitute the session in the last compensatory week), 2. student is required to pass 3 written tests (1 question, 4 possible answers, only one is correct), minimum percentage to pass each test is 70%, 3. practical (credit exam) – to diagnose and describe 2 human tissues slides (discussion and final result on responsibility of teacher). Evaluated A-Fx.	
Výsledky vzdelávania: After completion of the subject, the student understands routine work with light microscope and is able to orientate in basic staining methods (e.g. HE, Giemsa, PAS, Gomori, Orcein, Cajal, Oil red, Luxol blue, Anilin blue, Trichrom). Students understand histological terminology. Based on theoretical knowledge, student is able to identify microscopically main human tissues including their differential diagnosis and to discuss the topic in question (epithelium, connective tissue, cartilage, bone, muscles, nervous tissues, bone marrow and blood). Student is able to apply histomorphological knowledge in functional histology of organs and systems, e.g. functional histology of gland epithelium, muscle contraction, bone marrow cell production. Along with it, student understands the connection of histology and embryology with other medical branches such as biology, physiology, pathological physiology and pathological anatomy.	
Stručná osnova predmetu: - Introduction to histology and embryology, role of histology and embryology in medical study. Cell in light microscopy and electron microscopy (review). - Functional histology of epithelial tissue I and II - covering and glandular epithelia, clinical correlations. - Functional histology of supporting / connective tissues - cells, extracellular matrix, fibers, types of connective tissues, clinical correlations.	

- Functional histology of skeletal tissues - cartilages and bones, clinical correlations.
- Functional histology of bone marrow, peripheral blood, composition of plasma, stem cell, haematopoiesis topography, reactive elements, interstitium, clinical correlations.
- Functional histology of muscles - general characteristics, types of muscles, mechanism of contraction, connective tissue associated with muscles, regeneration of muscles, clinical correlations.
- Functional histology of nervous tissues - neuron synapses, division of nervous system, white and gray matter, degeneration and regeneration, clinical correlations.
- Central and peripheral nervous system - embryology, meninges and spaces, cerebrum, cerebellum, spinal cord, peripheral nerves, functional histology of CNS and PNS, cerebrospinal fluid, clinical correlations.
- Cardiovascular system I - embryology, general organization, structure of heart wall – endocard, myocard, epicard, conducting system, clinical correlations.
- Cardiovascular system II - embryology, arteries, veins, capillaries, lymphatics, clinical correlations.
- Respiratory system - embryology, general organization and subdivision, upper portion, trachea, bronchial tree, respiratory portion, BALT, clinical correlations.
- Digestive system I, oral cavity - embryology, epithelial lining, tongue, development of tooth, structure of tooth and associated structures, clinical correlations.
- Digestive system II, alimentary canal - embryology, pharynx, esophagus, stomach, small and large intestines, appendix, anus, GALT system, clinical correlations.
- Digestive system III, glands - embryology, types of secretory cells, salivary glands, saliva, liver, gallbladder, pancreas, clinical correlations.
- Differential diagnosis of human tissues and organs.

Odporúčaná literatúra:

Junqueira, L. C., Carneiro, J., Kelly, R. O.: Basic Histology. London: Prentice - Hall Int. Inc., 1992. 518 pp. ISBN 0838505791

Adamkov M. et al.: Introduction to functional histology-textbook. P+M Turany, 2nd edition, 2013, 425 s.

Moor, K., L., Persaud, T., V., N.: Before we are born (Essentials of Embryology and Birth Defects). 6th Edition, Saunders, 2003.

Gartner, L., P., Hiatt, J., L.: Color Textbook of Histology, Philadelphia: W. B. Saunders comp., 2001. 577 pp. ISBN 0-7216-8806-3

Gartner, L., P., Hiatt, J., L.: Color Atlas of Histology. 3rd Edition, Lippincott Williams and Wilkins, 2000.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

English language

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 92

A	ABS0	B	C	D	E	FX
36.96	0.0	32.61	20.65	8.7	1.09	0.0

Vyučujúci: prof. MUDr. Marian Adamkov, CSc.

Dátum poslednej zmeny: 23.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚMI/2- JVL-603-1/5277/00	Názov predmetu: Immunology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 4.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule Exam: Written exam test - Presence on 3 lectures is evaluated with one point. 100% presence in practicals is evaluated with one point. The student can get 5 points during the study period that will be added to the exam test if the minimal required value for passing (60%) is reached. Oral exam - The oral exam consists of 4 questions. Each one is evaluated separatly. No question could be graduated Fx for successfull exam	
Výsledky vzdelávania: The student receives information from specific and nonspecific immunity, immune commpetent cells, mechanisms of regulation of immune answer. The student is able to characterise the antigens, their structure and immunogenic potential as well as immunoblobulins, their function, mechanisms of antibody production, idiotypes, allotypes, isotypes. The reached knowledges enable to understand the problems of vaccination, types of vaccines, hypersensitivity, autoimmunity and immunodeficiecies. Transplantation and tumor immunity are covered at introductional level. The students are able to understand, indicate and interprete the basical immunological diagnostical tests and procedures. The gained information are the base for the further study of in different clinical branches, that can be completed in the study of clinical immunology in the 10th semester.	
Stručná osnova predmetu: Introduction to immunology, Discrimination between self and non self, Antigens a receptors, Terminology, Nonspecific immunity – barriers, cells, mechanism and functions, Specific immunity – molecules, immunoglobulins, organs and cells differenciation, Lymphocytes –, activation, APC Regulation of immunity , cytokines Tumor immunity,	

Transplantation immunity, Hypersensitivity, Immunotherapy, Immunostimulation, IDS, Antiinfective immunity,						
Odporúčaná literatúra: Abul K et all. Basic Immunology 3 rd edition, Elsevier, 2010. Doan T. et all. Immunology, Lippincott's Illustrated Reviews, LWW, 2008						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 759						
A	ABS0	B	C	D	E	FX
15.94	0.0	39.13	31.36	8.7	4.74	0.13
Vyučujúci: doc. MUDr. Elena Nováková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KICM/2- JVL-567/14	Názov predmetu: Infectology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 1 Za obdobie štúdia: 45 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Oral examination with minimal successfully 60%. Evaluation: A: 100%, B: 90%, C: 80%, D: 70%, E: 60%, Fx: 50%	
Výsledky vzdelávania: After course student understand of the basic characteristics of infectious diseases, transmission, clinical manifestation, diagnosis, differential diagnosis, treatment and prophylaxis.	
Stručná osnova predmetu: L e c t u r e s: 1. Viral hepatitis syndrome I. The latest knowledge of the viral hepatitis A, B, C, D, E and G, aetiology, epidemiology, occurrence, clinic manifestation, diagnosis and treatment. 2. Infections of the central nervous system. Meningitis and meningoencephalitis – suppurative and non-suppurative. Meningococcal infections of the CNS as urgent cases in infectology. Actual therapeutics trends. 3. Sepsis. Criteria of the sepsis, causes, pathogenesis, investigation, therapeutical possibilities and prognosis. 4. Hospital - acquired infections Causes of nosocomial infections, occurrence, the most important aetiological factors, investigation, treatment (in consideration of the microbial resistance), prognosis and prevention. 5./ Enteral infections. Bacterial, viral and parasitic etiology of diarrhoea clinical symptoms, level of the dehydration, diagnosis. 6./ Parasitic and imported infections. Parasitic infections in our geographic area. Migration of population and possibility of relaying viral, bacterial and parasitic infections. Actual knowledge and our experiences. 7./ Micro-organism as a possible biological weapon. History. Factors influencing choice of pathogenes. Most probable pathogens and their short characteristics I.	

Seminars:

1. Introduction to the problems of infectious diseases, organization of infectious departments, principles of investigation and therapy of infectious patients.

Basic concepts, samples, reporting of infectious diseases, prevention investigation.

2. Viral hepatitis syndrome etiology, clinical picture, investigation.

Viral hepatitis, differential diagnostics, epidemiology of exposed groups of the population. Prevention. Treatment of the chronic hepatitis B and C.

3. Meningitis.

Possibilities of differential diagnosis of CNS infections. Analysis of the infections caused by group C meningococci.

4. Fever of unknown origin.

5. Exanthematous diseases.

Classical rashes, new nosological units, differential diagnosis.

6. Intensive therapy in infectology.

Principles, possibilities and outcomes of intensive therapy in infectology. Selected nosological units.

7. Zoonosis.

Most serious zoonosis, aetiology, diagnosis and treatment.

8. Parasitic and imported infections.

Clinical manifestation, diagnostics and treatment of selected parasitic infections.

9. Lymph-nodes enlargement syndrome (AIDS).

Infectious causes of lymphadenitis and lymphadenopathy, differential diagnosis.

10. Sepsis.

Criteria of the sepsis, causes, pathogenesis, investigation, therapeutic possibilities and prognosis.

11. Diarrhoeal diseases.

Differential diagnosis, treatment and prevention of diarrhoeal diseases.

12. Micro-organism as a possible biological weapon.

Most probable pathogens, their characteristics II. Possibilities and means of the protection.

13. Infections caused by herpes viruses.

Aetiology. Clinical features and their variations. Some serious complications and their diagnosis. Treatment.

14. Encephalitis and differential diagnosis of palsies.

Differential diagnosis. Viral infections of the CNS.

Odporúčaná literatúra:

Hobstová, J.: Infectious Diseases. Karolinum Praha, 2003, 1. vydanie, 259s.

Bannister, B.: Infectious Diseases. Blackwell Science. 2000, 2 vydanie, 484p.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

anglický

Poznámky:**Hodnotenie predmetov**

Celkový počet hodnotených študentov: 155

A	ABS0	B	C	D	E	FX
63.87	0.0	29.68	5.81	0.65	0.0	0.0

Vyučujúci: prof. MUDr. Mária Szilágyiová, CSc.

Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-611-1/5325/00	Názov predmetu: Intensive medicine in pediatrics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Introduction into Study of Pediatric Intensive Care and Resuscitation Care. • Basic and Advanced Cardio-pulmonary resuscitation. • ARDS pathophysiology. • Basics of Artificial Pulmonary Ventilation in Pediatrics. Specificity of protective ventilation. Open lung tool strategy. • Pathophysiology, clinical onset and therapeutical possibilities in managing of foreign body aspiration in pediatrics. • Pathophysiology, clinical onset and therapeutical possibilities in managing of tension pneumothorax in pediatrics. • Central venous catheters, arterial catheters, peripheral inserted central venous catheters, intraosseal needles in pediatrics. • Supraglottic and Subglottis method of securing opened airways in pediatrics.	
Odporúčaná literatúra: Fedor, M. a kol.: Intenzívna starostlivosť v pediatrii. Osveta, 2001, 435 s. Fedor, M. a kol.: Intenzivní péče v pediatrii. Osveta, 2006, 461 s. Novák, I. a kol.: Intenzivní péče v pediatrii European resuscitation council guidelines for resuscitation 2010. internetový zdroj Trenkler, Š. a kol.: Kardiopulmonálna resuscitácia: podľa odporúčaní Európskej resuscitačnej rady 2010. Kniha Hanzlúvka, 2011. 143 s. Nichols, D.G. a kol.: Roger's textbook of Pediatric Intensive Care. Fourth edition. Lippincott Williams Wilkins, 2008. 1839 s. Gašparec, P. a kol.: Cievne prístupy. Osveta, 2009, 240 s.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 10						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Slavomír Nosál', PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava					
Fakulta: Jessenius Faculty of Medicine in Martin					
Kód predmetu: JLF.IK1/2-JVL-SS4a/09		Názov predmetu: Internal Medicine			
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning					
Počet kreditov: 0					
Odporúčaný semester/trimester štúdia: 11., 12..					
Stupeň štúdia: I.II.					
Podmieňujúce predmety:					
Podmienky na absolvovanie predmetu:					
Výsledky vzdelávania:					
Stručná osnova predmetu:					
Odporúčaná literatúra:					
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:					
Poznámky:					
Hodnotenie predmetov Celkový počet hodnotených študentov: 294					
A	B	C	D	E	FX
36.05	22.79	19.05	11.9	10.2	0.0
Vyučujúci:					
Dátum poslednej zmeny: 22.07.2015					
Schválil:					

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.IKG/2- JVL-539/12		Názov predmetu: Internal Medicine (1)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia: 7.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 329						
A	ABS0	B	C	D	E	FX
83.59	0.3	13.68	2.13	0.0	0.3	0.0
Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin, prof. MUDr. Rudolf Hyrdel, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-540-1/4458/00	Názov predmetu: Internal Medicine (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures Ulcer disease of stomach and duodenum, etiopathogenesis, clinical sings, complications, functional diagnostics, therapy and life-regimen. Chronic inflammatory and degenerative diseases of liver, cirrhosis and carcinoma of the liver, etiopathogenesis, clinical sings and therapy. Inflammatory and tumorous diseases of the oesophagus, stomach and duodenum. Inflammatory and tumorous diseases of small and large intestine. Diseases of the gallbladder, biliar ducts (lithiasis, inflammatory complications and tumors), inflammatory and tumorous diseases of pancreas. Diseases of the thyroid gland. Diseases of the suprarenal glands. Disorders of protein and aminoacids metabolism. Gout. Porphyrria. Metabolic osteopathies. Diabetes mellitus - principles of the diagnostics and therapy. Chronic complications od diabetes mellitus. Disorders of lipid metabolism - dyslipoproteinaemias. Principles of metabology, metabolic diseases, organisation and importance of metabolic units: basics of parenteral and enteral treatment. Gerontology. Clinical picture of internal diseases in old age, risk geronts and pharmacotherapy in old age. Clinical genetics.	

Practical lessons Diseases of small and large intestine. Non -specific intestinal inflammations practical training of indagation, demonstration of rectoscopy. Diseases of oesophagus, stomach, duodenum. Ulcer disease of stomach and duodenum, practical demonstrations of fibroscopy. Disease of liver, biliar ducts and pancreas, practical evaluation of the results of examinations. Diabetes mellitus - principles of diagnostics and therapy. Examination of the patients with chronic complications of diabetes mellitus. Diseases of hypophysis and thyroid and adrenal gland. Examination of the patients with the endocrine diseases. Nutritional disorders - malnutrition. Principles of parenteral and enteral nutrition. Organisation of metabolic unit. Basic examination methods in genetics. (Department of clinical genetics).						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 506						
A	ABS0	B	C	D	E	FX
62.85	12.25	16.8	7.71	0.4	0.0	0.0
Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin, prof. MUDr. Rudolf Hyrdel, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.IK1/2- JVL-541-1/4C47/00	Názov predmetu: Internal Medicine (3)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: 9. Term - lectures 1.Acute and chronic glomerulonephritis. 2. Tubulointerstitial nephritis. 3.Chronic renal failure. 4. Hemodialysis, hemofiltration, hemoperfusion. 5. Metabolic syndrome. 6. Clinically significant disturbances of intrinsic environment. 7. Septic states. The main principles of antibiotic treatment. 9. Term - practicals 1. Examinations of patients with acute and chronic glomerulonephritis, tubulointerstitial nephritis.Functional methods in nephrology. 2. Examinations of patients with chronic renal failure. Uremic syndrome. Organisation of the hemodialysis unit, examination and care of patients in chronic dialysis programme. Peritoneal dialysis. 3. Acute intoxications – principles of detoxication therapy. Indications of acute hemodialysis and hemoperfusion. 4. Metabolic syndrome – obesity, dyslipidemia and impaired glucose tolerance. Risk factors of cardiovascular diseases. 5. Disturbances in calcium metabolism – osteoporosis. Examination of patients in osteology. 6. Disturbances in intrinsic environment – metabolic and mineral disbalance. Dehydration. Principles of treatment. 7. Examination of patients with septic states, differential diagnosis of febrile states. Principles of antibiotic therapy. Principles of glucocorticoid therapy.	
Odporúčaná literatúra: Longo, D.L. et al. Harrison´s Principles of Internal medicine: Vol. I. New York, McGraw-Hill, 2012. 1796 pp. Longo, D.L. et al. Harrison´s Principles of Internal medicine: Vol. II. New York, McGraw-Hill, 2012, 1797-3610 pp. Goldman, L. et al. Goldman´s cecil medicine. Philadelphia: W.B. Saunders, 2012. 2569 s. Kumar, P. Clark, M. Kumar and Clark´s Clinical Medicine. Philadelphia: Saunders Ltd., 2012. 1352 s.	

Colledge, N. R., et al.
 Davidson's Principles and Practice of Medicine. Edinburgh: Churchill Livingstone, 2010. 1376 s.
 McPhee, S. J., Hammer, G. D.
 Pathophysiology of Disease An Introduction to Clinical Medicine. New York: McGraw-Hill Medical, 2010. 737 s.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 393

A	ABS0	B	C	D	E	FX
51.65	6.11	28.75	11.2	2.04	0.25	0.0

Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.IK1/2- JVL-542-1/4C48/00	Názov predmetu: Internal Medicine (4)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: 10. Term - lectures 1. Acute states in cardiology, treatment and complex arrangements. 2. Cardiogenic shock and principles of cardiopulmonary resuscitation. 3. Functional methods in cardiology. 4. Principles of pharmacotherapy in cardiology. 5. Comatose states. 6. Pulmonary shock, acute respiratory failure. 7. Acute states in gastroenterology. 8. Liver failure, etiology, diagnosis, treatment. 9. Acute complications of diabetes mellitus and their treatment. Hypoglycemic states. 10. Acute states in endocrinology. 11. Acute states in nephrology. Acute renal insufficiency. 12. Haemorrhagic states in internal medicine. 13. Systematic disease in connective tissue. 14. Clinical oncology. 10. Term - practicals 1. Acute states in cardiology – organisation of coronary unit. 2. Cardiogenic shock and principles of cardiopulmonary resuscitation. 3. Functional methods in cardiology – evaluation of finding. 4. Principles of pharmacotherapy in cardiology. 5. Comatose states. 6. Acute states in pneumology – acute respiratory insufficiency. 7. Acute states in gastroenterology – subileous states. 8. Bleeding from GIT. 9. Acute states in diabetology – hyperglycemic and hypoglycemic coma. 10. Acute states in endocrinology. 11. Acute states in nephrology – acute renal insufficiency. 12. Acute states in hematology – haemorrhagic states. 13. Degenerative and inflammatory joint diseases. Examination of patients with rheumatologic diseases. 14. Examination and care of oncologic patients.	
Odporúčaná literatúra: Longo, D. L. et al. Harrison's Principles of Internal medicine: Vol. I. New York, McGraw-Hill, 2012, 1796 pp. Longo, D. L. et al. Harrison's Principles of Internal medicine: Vol. II. New York, McGraw-Hill, 2012. 1797-3610 pp. Kumar, P. Clark, M. Kumar and Clark's Clinical Medicine. Philadelphia: Saunders Ltd., 2012. 1352 s.	

Colledge, N. R. et al.
 Davidson's Principles and Practice of Medicine. Edinburgh: Churchill Livingstone, 2010. 1376 s.
 McPhee, S. J., Hammer, G. D.
 Pathophysiology of Disease And Introduction to Clinical Medicine.
 New York: McGraw-Hill Medical , 2010. 737 s.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 387

A	ABS0	B	C	D	E	FX
40.05	0.0	23.77	22.74	10.59	2.58	0.26

Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin, prof. MUDr. Rudolf Hyrdel, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.IK1/2- JVL-543/13		Názov predmetu: Internal Medicine (5)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 40 Za obdobie štúdia: 600 Metóda štúdia: on-site learning						
Počet kreditov: 19						
Odporúčaný semester/trimester štúdia: 11., 12..						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra: Longo, D. L. et al. Harrison´s Principles of Internal medicine: Vol. I. New York, McGraw-Hill, 2012, 1796 pp. Longo, D. L. et al. Harrison´s Principles of Internal medicine: Vol. II. New York, McGraw-Hill, 2012. 1797-3610 pp. Kumar, P. Clark, M. Kumar and Clark´s Clinical Medicine. Philadelphia: Saunders Ltd., 2012. 1352 s. Colledge, N. R. et al. Davidson´s Principles and Practice of Medicine. Edinburgh: Churchill Livingstone, 2010. 1376 s. McPhee, S. J., Hammer, G. D. Pathophysiology of Disease And Introduction to Clinical Medicine. Nex York: McGraw-Hill Medical , 2010. 737 s.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 160						
A	ABS0	B	C	D	E	FX
70.0	0.0	15.63	10.63	1.88	1.88	0.0
Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin						
Dátum poslednej zmeny: 22.07.2015						

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-537-1/4449/00	Názov predmetu: Internal Medicine Propedeutics (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures Patient's history, it's importance. Elaboration of the complex anamnestic finding. Basic examination methods (inspection, palpation, percussion, auscultation). Status praesens generalis. Examination of the head and neck (physiological and pathological findings). Examination of the chest and lungs (physiological findings). Examination of the heart and vessels (physiological findings). Pathological findings in the heart and in heart valve disorders. Origin and evaluation of the normal ECG curves. Evaluation of the pathological ECG curves Auxiliary examination methods in diagnostics of cardiovascular diseases. Auxiliary examination methods in diseases of vessels and lymphatic system. Pathological findings of respiratory tract and lungs. Chest radiography - describing , interpretation, radiographic sings. Radiographic manifestation of the lung diseases. Auxiliary examination methods in respiratory diseases. Complex evaluation of the patient with cardiovascular and respiratory disease. Practical lessons Patients history and elaboration of the Training of the basics of physical examination (inspection, palpation, percussion, auscultation). Status praesens generalis. Procedures in examination of the head and neck	

(physiological findings). Training of the examination of the chest and lungs (physiological findings). Training of the examination of the heart and vessels (physiological findings). Auscultation findings in heart, pathological findings in valvular diseases of the heart. Evaluation of the physiological ECG curves. Evaluation of the pathological ECG curves. Diagnostical usage of the auxiliary examination methods in cardiovascular diseases (X-ray, ultrasonography, CT, laboratory parametres, scintigraphy etc.) Clinical examination of the patients with the diseases of the vessels and lymphatic system, auxiliary methods in angiology. Examination of the patients with obstructive bronchopulmonary disease and restrictive diseases of the lungs. Interpretation of the pathological X-ray slides. Auxiliary examination methods in pneumology. Credit test. Elaboration of the model of the patient with cardiovascular or respiratory disease.						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 715						
A	ABS0	B	C	D	E	FX
72.03	14.41	11.61	1.96	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin, prof. MUDr. Rudolf Hyrdel, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.IKG/2- JVL-538/09	Názov predmetu: Internal Medicine Propedeutics (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures Examination of the abdomen and the abdominal organs. Examination of the patients with diseases of gastrointestinal tract. Auxiliary and functional examination methods in gastroenterology. Examination of the kidneys and patients with kidney diseases. Auxiliary examination methods and laboratory tests in nephrology. Reliability of laboratory methods and basic conditions of their interpretation. Examination of the patients with endocrine diseases, auxiliary examination methods in endocrinology. Immunodeficiency states and autoimmune processes. Examination of the joint, muscles and spine. Hematology I. Hematology II. Examination the patients with diabetes mellitus. Examination of the patients with occupational diseases and acute intoxications (alcohol, medicaments, drugs). Examination of the oncologic patients. Laboratory and auxiliary. Examinations. Practical lesson Training of the examination of the abdomen and abdominal organs (physiological findings). Examination of the patients with diseases of gastrointestinal tract and evaluation of the results. Principals of evaluation of X-ray examination, ultrasono-	

graphy, demonstration of fibroscopy, rectoscopy, colonoscopy, some invasive examinations. Auxiliary examination methods in hepatology. Examination of the patients and evaluation of nephrologic findings in patients with the diseases of uropoietic tract. Evaluation of laboratory findings and their interpretation. Examination and evaluation of the results of laboratory examinations in patients with endocrine diseases. Imunodefficiency states and autoimmune processes in clinical practice (interpretation on the patients). Training of the examination of the joints, muscles and spine (physiological findings). Pathological findings during examination of musculoskeletal apparatus. Hematology I. Hematology II. Examination of the patients with diabetes mellitus. Algoritm and interpretation of examinations of the patients with acute intoxications (alcohol, medicaments, drugs). Elaboration of the model patient´s record.						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 573						
A	ABS0	B	C	D	E	FX
37.35	0.0	25.13	20.07	10.65	5.76	1.05
Vyučujúci: prof. MUDr. Marián Mokáň, DrSc.,FRCP Edin, prof. MUDr. Rudolf Hyrdel, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2-JVL-621/14	Názov predmetu: Komunikácia v klinickej praxi
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: ,14 Za obdobie štúdia: 2,1 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Active participation at seminars.	
Výsledky vzdelávania: A student shall understand the fundamental aspects of potentially difficult situations that may occur in doctor – patient interaction. A student shall understand the specifics of care for outpatients and inpatients, communication with patients with long-term illness and chronically ill patients, communication with the so-called problematic group of patients, e.g. aggressive, depressed with abuse of addictive substances, anxiety and depression, handicapped and somatic patients. A student will be able to obtain holistically focused history and master the issue of breaking the bad news or news with infaust prognosis. A student shall understand the psychological aspects of patient complaints and communication skills in medical team. Self-experience in education shall develop awareness and perception of one's own emotions and those of others, self-support and support, self-reflection and, in the context, an appropriate work with defence mechanisms, like projection, rationalization, reflection and reinforcement of empathy, strengthening the ability to manage affective responses.	
Stručná osnova predmetu: 1st seminar Introduction to communication - general rules of communication, communication channels, communication noise, provided information, information leak, audience, listener. Communication skills - listening, respect, empathy, concern, support, interpretation. Presentation skills, self-presentation. 2nd seminar Verbal communication - speech, dialogues, types of dialogues,, questions, sharing emotions, dialogic conversation Nonverbal communication - theory, mimics, proxemics, haptics, posturology, gestures, paralinguistics, communication of emotions. 3rd seminar Specifics of communication and doctor - patient relationship: Models of doctor - patient relationships, satisfied patient, satisfied doctor, compliance, adherence (the role and status of the	

physician, the patient, the paternalistic and holistic model in medicine, psychic defence mechanisms - projection, repression, denial, idealization, devaluation and their importance for communication). Therapeutic contract. Communication with a patient with sensory disabilities (blind, deaf, deaf-mute, deaf-blind.) Communication with a senior, demented, confounding patient. 4th seminar Specific communication - sickness, pain, communication in surgery, communication in somatic diseases, communication with difficult and problematic patients (aggressive, narcissistic, depressed, anxious, with alcohol abuse, somatic and handicapped patient). Specifics of communication with a child in the role of the patient and with his/her parents. 5th seminar Communication model according to Transactional Analysis (Erich Berne), basic terms – the Ego-states, tasks, verbal accompaniment characteristic for each state of our ego, the most commonly used terms of "parent", "child", "adult". Significant gestures and the like. 6th seminar Assertiveness and suggestive relaxation techniques (suggestion, relaxation, autogenic training, burnout - out syndrome, Balint groups, basics of mental hygiene for helping professions, risk of suicide of doctors and their causes). Principles of motivational dialogues and their usage to establish the trust and creation of therapeutic state. 7th seminar Breaking the bad news , the issue of meaningful communication with oncological patients, the basic needs of the sick, patient worry, worry of family members about the sick. Communicating with survivors

Odporúčaná literatúra:

Buckman R. How to Break Bad News: A Guide for Health Care Professionals. The Johns Hopkins University Press, Baltimore, 1992, 240 p. ISBN 978-0801844911.

Tate P. The doctor's Communication Handbook. Radcliffe Publishing Ltd; 6th Revised edition edition, 200 p, ISBN 978-1846193927

Beran J, Sumcovová P. Introduction to Medical Psychology - Doctor - Patient Communication. Karolinum, 1. vyd., 2005, 156 p. ISBN-10: 80-246-0983-5

Čaplová T, Fleischer J, Pečeňák J, Vajdičková K, Žucha I. Clinical Problems of Medical Psychology, Bratislava, Univ. Komenského, 1995, 83 s. ISBN 80-223-0931-1

Žucha I, Čaplová T, Fleischer J, Vajdičková K. Medical Psychology. Univ. Komenského 1994, 90s. ISBN: 80-223-0797-1

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 0

A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Vyučujúci: MARCELA BENDOVA

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-597-1/524B/00	Názov predmetu: Laboratory Practicals in Molecular Biology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 Za obdobie štúdia: 15 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Practical exercise: Basic methods of molecular biology applied in molecular diagnostics – isolation of DNA, basics of primer design, Ensembl database, preparation of PCR protocol, preparation of real time PCR protocol, preparation of dideoxysequencing workflow, pipetting of PCR, real-time PCR and dideoxysequencing, interpretation of PCR, real-time PCR, dideoxysequencing and fragment analysis experiments.	
Odporúčaná literatúra: DNeasy Blood and tissue kit, http://www.qiagen.com/products/genomicdnastabilizationpurification/dneasytissuesystem/dneasybloodtissuekit.aspx#Tabs=t2 DNA extraction from blood: p. 25-27 7500 Fast Real-Time PCR System http://www3.appliedbiosystems.com/cms/groups/mcb_support/documents/generaldocuments/cms_041436.pdf p. 9-14, 33-47. DNA sequencing and capillary electrophoresis http://www3.appliedbiosystems.com/cms/groups/mcb_support/documents/generaldocuments/cms_041003.pdf p.. 2-14 Laboratory protocols used at Dept. Molecular biology	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 1						
A	ABS0	B	C	D	E	FX
0.0	100.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. RNDr. Zora Lasabová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-510-1/416B/00	Názov predmetu: Medical Biochemistry (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 3.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania: The student receives information such as biomolecules are synthesized, degraded and metabolized in the human body. The students deepen their knowledge about biochemical pathways in different organs under normal circumstances and they also learn how the metabolic processes work under pathological conditions at the molecular level, which is a prerequisite for correct diagnosis, treatment and individualized approach to the subject. The result of learning is understanding formation, causes and treatment of many diseases. The student can apply his theoretical knowledge and try to solve scenarios with diseases and its potential complications during preparing a seminar presentation as well as the practical examination of biological material.	
Stručná osnova predmetu: Metabolism of carbohydrates, lipids, proteins and amino acids. Bioenergetics and oxidative phosphorylation.	
Odporúčaná literatúra: 1. Stryer, L.: Biochemistry. San Francisco, W.H.Freeman and Comp. 1998 2. Murray, R.K.: Harper s Biochemistry. Lange Med. Book, 1990 3. Champe, P.C., Harvey, R.A.: Biochemistry, Philadelphia, J.B.Lippincott, 1994 4. Lehotský, J.: Medical Chemistry and Biochemistry II, 1998	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 934						
A	ABS0	B	C	D	E	FX
1.39	18.09	8.03	22.38	25.91	23.55	0.64
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚLBch/2- JVL-511/09		Názov predmetu: Medical Biochemistry (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 4 Za obdobie štúdia: 60 / 60 Metóda štúdia: on-site learning						
Počet kreditov: 9						
Odporúčaný semester/trimester štúdia: 4.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Intermediary metabolism of the basic nutrients under normal and some pathological conditions. Integration of metabolism. Biochemistry of some organs and tissues. Hormonal regulation and cell signalling.						
Odporúčaná literatúra: 1. Stryer, L.: Biochemistry. San Francisco, W.H.Freeman and Comp. 1998 2. Murray, R.K.: Harper s Biochemistry. Lange Med. Book, 1990 3. Champe, P.C., Harvey, R.A.: Biochemistry, Philadelphia, J.B.Lippincott, 1994 4. Lehotský, J.: Medical Chemistry and Biochemistry II, 1998						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 820						
A	ABS0	B	C	D	E	FX
3.78	0.0	9.27	16.46	20.37	31.95	18.17
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚLBI/2- JVL-512-1/416D/00		Názov predmetu: Medical Biology (1)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 5						
Odporúčaný semester/trimester štúdia:						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Successful passing of two credit tests (not less than 60%), 100% attendance at practical classes						
Výsledky vzdelávania: After completing the subject, the student has knowledge in general cytology – structure, function and pathology of the cell.						
Stručná osnova predmetu: Biopolymers – proteins, nucleic acids, polysaccharides. The cell theory. Cell as a basic structural and functional unit. Organization of the cell memory system, genetic information. Cell genome. Gene expression. Biological membranes – structure and function. Cell surfaces. Membrane transport. Cytoskeleton. Membrane organelles – nucleus, mitochondria, endoplasmic reticulum, Golgi complex, lysosomes, peroxisomes. Influence of external factors on cell. Cell division – mitosis. Meiosis, gametogenesis.						
Odporúčaná literatúra: - Halašová E., Bukovská E., Franeková M.: Medical Biology Practicum, Bratislava, Univerzita Komenského 2012, 136 pp. - Karp G.: Cell and molecular biology, John Wiley and Sons, Inc., 2005, 780 pp. - Turnpenny P., Ellard S.: Emerys Elements of Medical Genetics, 2007, 423 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 1075						
A	ABS0	B	C	D	E	FX
4.56	24.84	11.07	16.0	19.53	22.7	1.3
Vyučujúci: doc. RNDr. Erika Halašová, PhD.						
Dátum poslednej zmeny: 22.07.2015						

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-513-1/416E/00		Názov predmetu: Medical Biology (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 7						
Odporúčaný semester/trimester štúdia:						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Successful passing of two credit tests (not less than 60%), 100% attendance at practical classes, successful passing of oral exam						
Výsledky vzdelávania: After completing the subject, the student has knowledge in molecular biology and genetics, in genetics of blood groups, immunogenetics as well as in genetics of cancer cell, viruses and bacteria.						
Stručná osnova predmetu: DNA replication. General laws of inheritance – Mendel’s laws, gene interactions, gene linkage. Genetics of blood groups. Mutations – gene, chromosomal, numerical. Population genetics. Pedigree analysis. Genetics of prokaryotes and viruses. Immunogenetics – HLA system. Cancer cell genetics – protooncogenes, oncogenes. Cytogenetic methods, methods of gene engineering.						
Odporúčaná literatúra: - Halašová E., Bukovská E., Franeková M.: Medical Biology Practicum, Bratislava, Univerzita Komenského 2012, 136 pp. - Karp G.: Cell and molecular biology, John Wiley and Sons, Inc., 2005, 780 pp. - Turnpenny P., Ellard S.: Emerys Elements of Medical Genetics, 2007, 423 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 1033						
A	ABS0	B	C	D	E	FX
23.52	0.1	18.88	20.72	19.36	13.75	3.68
Vyučujúci: doc. RNDr. Erika Halašová, PhD.						
Dátum poslednej zmeny: 22.07.2015						

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚLBI/J-S- VL-512/15		Názov predmetu: Medical Biology 1				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 5						
Odporúčaný semester/trimester štúdia: 1.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Successful passing of two credit tests (not less than 60%), 100% attendance at practical classes						
Výsledky vzdelávania: After completing the subject, the student has knowledge in general cytology – structure, function and pathology of the cell.						
Stručná osnova predmetu: Biopolymers – proteins, nucleic acids, polysaccharides. The cell theory. Cell as a basic structural and functional unit. Organization of the cell memory system, genetic information. Cell genome. Gene expression. Biological membranes – structure and function. Cell surfaces. Membrane transport. Cytoskeleton. Membrane organelles – nucleus, mitochondria, endoplasmic reticulum, Golgi complex, lysosomes, peroxisomes. Influence of external factors on cell. Cell division – mitosis. Meiosis, gametogenesis.						
Odporúčaná literatúra: Recommended literature: - Halašová E., Bukovská E., Franecková M.: Medical Biology Practicum, Bratislava, Univerzita Komenského 2012, 136 pp. - Karp G.: Cell and molecular biology, John Wiley and Sons, Inc., 2005, 780 pp. - Turnpenny P., Ellard S.: Emerys Elements of Medical Genetics, 2007, 423 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 102						
A	ABS0	B	C	D	E	FX
7.84	0.0	9.8	15.69	17.65	42.16	6.86
Vyučujúci: doc. RNDr. Erika Halašová, PhD.						

Dátum poslednej zmeny: 23.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚLBI/J-S- VL-513/15		Názov predmetu: Medical Biology 2				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 7						
Odporúčaný semester/trimester štúdia: 2.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Successful passing of two credit tests (not less than 60%), 100% attendance at practical classes, successful passing of oral exam						
Výsledky vzdelávania: After completing the subject, the student has knowledge in molecular biology and genetics, in genetics of blood groups, immunogenetics as well as in genetics of cancer cell, viruses and bacteria.						
Stručná osnova predmetu: DNA replication. General laws of inheritance – Mendel’s laws, gene interactions, gene linkage. Genetics of blood groups. Mutations – gene, chromosomal, numerical. Population genetics. Pedigree analysis. Genetics of prokaryotes and viruses. Immunogenetics – HLA system. Cancer cell genetics – protooncogenes, oncogenes. Cytogenetic methods, methods of gene engineering.						
Odporúčaná literatúra: - Halašová E., Bukovská E., Franeková M.: Medical Biology Practicum, Bratislava, Univerzita Komenského 2012, 136 pp. - Karp G.: Cell and molecular biology, John Wiley and Sons, Inc., 2005, 780 pp. - Turnpenny P., Ellard S.: Emerys Elements of Medical Genetics, 2007, 423 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 88						
A	ABS0	B	C	D	E	FX
19.32	0.0	21.59	20.45	19.32	9.09	10.23
Vyučujúci: doc. RNDr. Erika Halašová, PhD.						
Dátum poslednej zmeny: 23.07.2015						

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚLBf/J-S- VL-504/15	Názov predmetu: Medical Biophysics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 2 Za obdobie štúdia: 60 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 8	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is based on oral exam, credit test and results from practicals and seminars. The final evaluation of students before oral exam is given by addition of their particular points. This will assign them into the rank: A (at least 400 points), B (≥ 360 ps.), C (≥ 320 ps.), D (≥ 280 ps.), E (≥ 240 ps.), Fx (less than 240 ps).	
Výsledky vzdelávania: After completion of the subject Medical Biophysics, students are able to master the basic physical and physical-chemical processes in biological systems and human body. Students understand biophysical principles of physiological and pathological processes in humans at a level of a cell, tissues and the organ systems. They know and apply to practice the basic biological effects of physical factors affecting the human body and a protection against their harmful influences. They master the biophysical principles of medical instrumentation used in diagnostic and some therapeutical methods.	
Stručná osnova predmetu: -Structure and function of cell membrane. Transport mechanisms. The resting membrane potential. -The action potential, its origin and propagation. Synapse and synaptic transmission. -Biophysical principles of muscle contraction. Skeletal, cardiac and smooth muscle. Biophysical basics of respiration. External and internal breathing, ventilation, distribution, diffusion and perfusion. -Biophysics of the circulatory system. Heart as a force pump, structure, function, power output. -Laminar and turbulent blood flow - basic laws. Blood pressure. Capillary blood flow, filtration in capillary loop, oedema. -Biophysical mechanism of sensory perception. Biophysics of vision. Biophysics of hearing. -Recording of electrical and nonelectrical biosignals. -Interaction of mechanical and meteorological factors with living systems. -Interaction of electrical and magnetic fields and nonionising radiation with living systems. -Radioactivity and ionising radiation. Detection of ionising radiation. Interaction of ionising radiation with living systems.	

-X-ray imaging techniques. Imaging techniques using radionuclides. -Biophysical principles of some diagnostical and therapeutical methods in medicine. -Biocybernetics. Simulation and modelling of biological processes. Theory of information. -Controlled and regulated biological systems.						
Odporúčaná literatúra: Nave, C.R., Nave, B.C.: Physics for the health sciences. Philadelphia, W.B. Saunders Comp. 1985, 421 pp. Tarjan, I., et al.: An introduction to biophysics with medical orientation. Budapest. Akademiai Kiado, 1999, 448 pp. Hoppe, W.: Biophysics. Berlin, Springer Verlag 1983. 941 pp. Kukurová, E., et al.: Biophysical elixir for students and absolvents of medicine. Bratislava, LF UK, 1991. 302 pp. Jakuš, J., Poliaček, I., Simera M.: Practical Tasks in Medical Biophysics, Martin, Osveta, 2013, 144 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 98						
A	ABS0	B	C	D	E	FX
8.16	0.0	15.31	31.63	15.31	25.51	4.08
Vyučujúci: prof. MUDr. Ján Jakuš, DrSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚLBf/2- JVL-504/09	Názov predmetu: Medical Biophysics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 2 Za obdobie štúdia: 60 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 8	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is based on oral exam, credit test and results from practicals and seminars. The final evaluation of students before oral exam is given by addition of their particular points. This will assign them into the rank: A (at least 400 points), B (≥ 360 ps.), C (≥ 320 ps.), D (≥ 280 ps.), E (≥ 240 ps.)	
Výsledky vzdelávania: After completion of the subject Medical Biophysics, students are able to master the basic physical and physical-chemical processes in biological systems and human body. Students understand biophysical principles of physiological and pathological processes in humans at a level of a cell, tissues and the organ systems. They know and apply to practice the basic biological effects of physical factors affecting the human body and a protection against their harmful influences. They master the biophysical principles of medical instrumentation used in diagnostic and some therapeutical methods.	
Stručná osnova predmetu: Structure and function of cell membrane. Transport mechanisms. The resting membrane potential. The action potential, its origin and propagation. Synapse and synaptic transmission. Biophysical principles of muscle contraction. Skeletal, cardiac and smooth muscle. Biophysical basics of respiration. External and internal breathing, ventilation, distribution, diffusion and perfusion. Biophysics of the circulatory system. Heart as a force pump, structure, function, power output. Laminar and turbulent blood flow - basic laws. Blood pressure. Capillary blood flow, filtration in capillary loop, oedema. Biophysical mechanism of sensory perception. Biophysics of vision. Biophysics of hearing. Recording of electrical and nonelectrical biosignals. Interaction of mechanical and meteorological factors with living systems. Interaction of electrical and magnetic fields and nonionising radiation with living systems. Radioactivity and ionising radiation. Detection of ionising radiation. Interaction of ionising radiation with living systems. X-ray imaging techniques. Imaging techniques using radionuclides.	

Biophysical principles of some diagnostical and therapeutical methods in medicine. Biocybernetics. Simulation and modelling of biological processes. Theory of information. Controlled and regulated biological systems.						
Odporúčaná literatúra: Nave, C.R., Nave, B.C.: Physics for the health sciences. Philadelphia, W.B. Saunders Comp. 1985, 421 pp. Tarjan, I., et al.: An introduction to biophysics with medical orientation. Budapest. Akademiai Kiado, 1999, 448 pp. Hoppe, W.: Biophysics. Berlin, Springer Verlag 1983. 941 pp. Kukurová, E., et al.: Biophysical elixir for students and absolvents of medicine. Bratislava, LF UK, 1991. 302 pp. Jakuš, J., Poliaček, I., Simera M.: Practical Tasks in Medical Biophysics, Martin, Osveta, 2013, 144 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 818						
A	ABS0	B	C	D	E	FX
9.29	0.12	14.18	27.87	25.43	17.36	5.75
Vyučujúci: prof. MUDr. Ján Jakuš, DrSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚO/2- JVL-531-1/4366/00	Názov predmetu: Medical Ethics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of subject (results of Test I. + Test II. / 2) will be according: A / 1 = 91 – 100 %; B / 1,5 = 81 – 90 %; C / 2 = 73 – 80 %; D / 2,5 = 66 – 72 %; E / 3 = 60 – 65 %; Fx = less than 60 %	
Výsledky vzdelávania: Completing the course the student obtains information about the fundamental questions of medical ethics. The student will understand the principles of medical ethics and its importance in education, practice and research in the field of medicine. Student is able to apply the knowledge to case studies, can analyze and identify dilemmas. The subject also contributes to the formation of moral attitude towards medicine, patients and to other health professions within the team cooperation.	
Stručná osnova predmetu: Lectures and Practicals: The introduction to ethics. Ethics and morality. Moral reasoning. Ethics and Law. Introduction to medical ethics. Basic terminology of Medical ethics. Principles and rules of medical ethics. Code of medical ethics. Patients' rights. Doctor - patient relationship. Paternalism and partnership. Informed consent and the right to refuse treatment. Ethical aspects of providing information about the patient's condition. Ethics at the beginning of human life (birth control, sterilization, assisted reproduction, abortion). Basics of thanatology. Dying with dignity. Problems of euthanasia and assisted suicide. Ethical aspects of biomedical research and publications. Ethics committees.	
Odporúčaná literatúra: Beauchamp L.T., Childress, F.J. Principles of Biomedical Ethics. 6th. ed. New York, Oxford : Oxford University Press, 2009, 417 p. ISBN 978-0-19-533570-5. Declaration on the Promotion of Patients' Rights in Europe [on-line]. Copenhagen : WHO Regional Office for Europe, 1994. http://infodoc.inserm.fr/ethique/Ethique.nsf/0/901e922bf0f1db42c12566ac00493be8?OpenDocument . European Charter of Patients' Rights. Basis document [on-line]. Rome, November 2002. http://www.patientstalk.info/european_charter.pdf .	

World Medical Association. Medical Ethics Manual [on-line]. http://www.wma.net/en/30publications/30ethicsmanual/pdf/ethics_manual_en.pdf .						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 716						
A	ABS0	B	C	D	E	FX
53.21	14.53	22.07	7.26	2.37	0.42	0.14
Vyučujúci: prof. Mgr. Katarína Žiaková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-508-1/4249/00	Názov predmetu: Medical Chemistry (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1,5 Za obdobie štúdia: 15 / 22,5 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is performed as a written exam, minimal level to pass: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less.	
Výsledky vzdelávania: After completion of the subject the student understands regulatory mechanisms of chemical processes on enzyme level and gains essential informations about properties of biological membranes, required for understanding the mechanisms of substance exchange, hormone action and cell signaling. Completion of the subject also contributes to knowledge of biochemical foundations of storage and transfer of genetic information and introduces to contemporary applications of genomic technology in clinical medicine. Student gains knowledge of molecular foundation of several diseases and understands the importance of chemistry in search of effective diagnostic and therapeutic procedures.	
Stručná osnova predmetu: - Enzyme catalysis, regulations at the enzyme level – mechanisms of short-term and long-term control. - Structure of biological membranes. Lipid and protein components of membranes, membrane fluidity. Synthetic membranes. Structural changes of membranes at pathological conditions. - Membrane transport. Mechanisms of passive and active transport of ions and compounds. Transport of polar and nonpolar species, gases and drugs. Transepithelial transport. - Nucleotides and nucleic acids. Chemical and biological properties of nucleotides. Coenzymes and second messengers derived from nucleotides. Primary, secondary and tertiary structure of DNA and genetic information. Organization of eukaryotic genome. - Mechanism of DNA replication and repair mechanisms of damaged DNA. - Structure and properties of mRNA, tRNA, rRNA. Synthesis of RNA – transcription and post-transcriptional modification of RNA. - Proteosynthesis. Characteristics of genetic code, mutations. Mechanism of synthesis of proteins and post-translational modifications. Inhibitors of proteosynthesis, antimetabolites and antibiotics. - Regulation of gene expression in eukaryotes. Clinical examples of deregulation of gene expression.	

- Gene manipulations. Technology of recombinant DNA and methods used in gene manipulations. Practical applications of gene manipulation in human genetics, prenatal diagnostics, gene therapy, examples of inherited disease.						
Odporúčaná literatúra: P. Kaplán: Medical Chemistry, P+M Turany, 2012. 127 pp. P. Račay: Medical chemistry and biochemistry III. Comenius University Bratislava, 2012. 68 pp. J. Lehotský et al.: Medical chemistry and biochemistry II. Comenius University Bratislava, 2012. 139 pp. R. K. Murray et al.: Harper's Illustrated Biochemistry, McGraw-Hill Medical New York, 2012. 818 pp. R. A. Harvey, D. R. Ferrier: Lippincott's Illustrated Reviews: Biochemistry. Lippincott Williams & Wilkins Philadelphia, 2012. 520 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 1096						
A	ABS0	B	C	D	E	FX
2.28	25.64	10.04	22.35	23.63	14.23	1.82
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-509-1/424A/00	Názov predmetu: Medical Chemistry (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1,5 Za obdobie štúdia: 15 / 22,5 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is performed as a written exam, minimal level to pass: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less.	
Výsledky vzdelávania: After completion of the subject the student understands regulatory mechanisms of chemical processes on enzyme level and gains essential informations about properties of biological membranes, required for understanding the mechanisms of substance exchange, hormone action and cell signaling. Completion of the subject also contributes to knowledge of biochemical foundations of storage and transfer of genetic information and introduces to contemporary applications of genomic technology in clinical medicine. Student gains knowledge of molecular foundation of several diseases and understands the importance of chemistry in search of effective diagnostic and therapeutic procedures.	
Stručná osnova predmetu: - Enzyme catalysis, regulations at the enzyme level – mechanisms of short-term and long-term control. - Structure of biological membranes. Lipid and protein components of membranes, membrane fluidity. Synthetic membranes. Structural changes of membranes at pathological conditions. - Membrane transport. Mechanisms of passive and active transport of ions and compounds. Transport of polar and nonpolar species, gases and drugs. Transepithelial transport. - Nucleotides and nucleic acids. Chemical and biological properties of nucleotides. Coenzymes and second messengers derived from nucleotides. Primary, secondary and tertiary structure of DNA and genetic information. Organization of eukaryotic genome. - Mechanism of DNA replication and repair mechanisms of damaged DNA. - Structure and properties of mRNA, tRNA, rRNA. Synthesis of RNA – transcription and post-transcriptional modification of RNA. - Proteosynthesis. Characteristics of genetic code, mutations. Mechanism of synthesis of proteins and post-translational modifications. Inhibitors of proteosynthesis, antimetabolites and antibiotics. - Regulation of gene expression in eukaryotes. Clinical examples of deregulation of gene expression.	

- Gene manipulations. Technology of recombinant DNA and methods used in gene manipulations. Practical applications of gene manipulation in human genetics, prenatal diagnostics, gene therapy, examples of inherited disease.						
Odporúčaná literatúra: P. Račay: Medical chemistry and biochemistry III. Comenius University Bratislava, 2012. 68 pp. P. Račay: Selected chapters from enzymology, membrane biochemistry and biochemistry of genetic information. JLF UK portal MEFANET Martin, 2013. 90 pp. J. Lehotský et al.: Medical chemistry and biochemistry II. Comenius University Bratislava, 2012. 139 pp. R. K. Murray et al.: Harper's Illustrated Biochemistry, McGraw-Hill Medical New York, 2012. 818 pp. R. A. Harvey, D. R. Ferrier: Lippincott's Illustrated Reviews: Biochemistry. Lippincott Williams & Wilkins Philadelphia, 2012. 520 pp						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 1099						
A	ABS0	B	C	D	E	FX
7.01	0.0	14.19	19.75	20.66	30.3	8.1
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚLBch/J-S-VL-508/15	Názov predmetu: Medical Chemistry 1
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1,5 Za obdobie štúdia: 15 / 22,5 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is performed as a written exam, minimal level to pass: 60 %. Evaluation: A: 91–100 % B: 81–90 % C: 73–80 % D: 66–72 % E: 60–65 % FX: 59 % and less	
Výsledky vzdelávania: After completion of the subject student gains essential informations about biologically important compounds and about rules of chemical processes in the living systems. Student understands the principles of bioenergetics and enzyme kinetics and rules for chemical reactions in aqueous solutions. Completion of the subject also contributes to understanding of relationship between structure and function of biologically important compounds. Student is able to apply knowledge gained on the lectures and seminars at learning of biological oxidations, metabolism of compounds and acid-base equilibrium of body fluids.	
Stručná osnova predmetu: - Biologically important elements and their compounds. Weak noncovalent interactions and their importance for biopolymers and biological membranes. - Thermodynamics and living systems. Entropy, Gibbs free energy and coupled reactions in living systems. - Rate of chemical reactions. Types of reactions and their importance in metabolic pathways. Kinetics of enzyme reactions, enzyme inhibition. - Properties of aqueous solutions. Chemical reactions in aqueous solutions: acid-base reactions, oxidation-reduction reactions, precipitation reactions, formation of coordination substances. Properties of colloid systems, biopolymers as colloids. - Chemical properties and biological importance of amino acids, peptides and proteins. Relationship between structure and function of proteins.	

- Chemical properties and biological importance of myoglobin and hemoglobin. - Chemical properties and biological importance of saccharides and their derivatives. - Chemical properties and biological importance of triacylglycerols, phospholipids, sphingolipids and steroids.						
Odporúčaná literatúra: P. Kaplán: Medical Chemistry, P+M Turany, 2012. 127 pp. P. Račay: Medical chemistry and biochemistry III. Comenius University Bratislava, 2012. 68 pp. J. Lehotský et al.: Medical chemistry and biochemistry II. Comenius University Bratislava, 2012. 139 pp. R. K. Murray et al.: Harper's Illustrated Biochemistry, McGraw-Hill Medical New York, 2012. 818 pp. R. A. Harvey, D. R. Ferrier: Lippincott's Illustrated Reviews: Biochemistry. Lippincott Williams & Wilkins Philadelphia, 2012. 520 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 130						
A	ABS0	B	C	D	E	FX
3.85	0.0	12.31	19.23	35.38	27.69	1.54
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚLBch/J-S- VL-509/15	Názov predmetu: Medical Chemistry 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1,5 Za obdobie štúdia: 15 / 22,5 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 2.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is performed as a written and oral exam, minimal level to pass: 60 % for written part. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less.	
Výsledky vzdelávania: After completion of the subject the student understands regulatory mechanisms of chemical processes on enzyme level and gains essential informations about properties of biological membranes, required for understanding the mechanisms of substance exchange, hormone action and cell signaling. Completion of the subject also contributes to knowledge of biochemical foundations of storage and transfer of genetic information and introduces to contemporary applications of genomic technology in clinical medicine. Student gains knowledge of molecular foundation of several diseases and understands the importance of chemistry in search of effective diagnostic and therapeutic procedures.	
Stručná osnova predmetu: - Enzyme catalysis, regulations at the enzyme level – mechanisms of short-term and long-term control. - Structure of biological membranes. Lipid and protein components of membranes, membrane fluidity. Synthetic membranes. Structural changes of membranes at pathological conditions. - Membrane transport. Mechanisms of passive and active transport of ions and compounds. Transport of polar and nonpolar species, gases and drugs. Transepithelial transport. - Nucleotides and nucleic acids. Chemical and biological properties of nucleotides. Coenzymes and second messengers derived from nucleotides.	

- Primary, secondary and tertiary structure of DNA and genetic information. Organization of eukaryotic genome.
- Mechanism of DNA replication and repair mechanisms of damaged DNA.
- Structure and properties of mRNA, tRNA, rRNA. Synthesis of RNA – transcription and post-transcriptional modification of RNA.
- Proteosynthesis. Characteristics of genetic code, mutations. Mechanism of synthesis of proteins and post-translational modifications. Inhibitors of proteosynthesis, antimetabolites and antibiotics.
- Regulation of gene expression in eukaryotes. Clinical examples of deregulation of gene expression. - Gene manipulations. Technology of recombinant DNA and methods used in gene manipulations. Practical applications of gene manipulation in human genetics, prenatal diagnostics, gene therapy, examples of inherited disease.

Odporúčaná literatúra:

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

English language

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 90

A	ABS0	B	C	D	E	FX
28.89	0.0	30.0	15.56	3.33	10.0	12.22

Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.

Dátum poslednej zmeny: 23.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.PK/2- JVL-532/09	Názov predmetu: Medical Psychology and Basics of Communication
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Requirement to apply for exam: - participation in practicals at least 6 times (12 lessons) - favourable results during running controls - favourable results in test Check in the course of practicals: - Evaluation till the end of 7th week: control questions during the practical exercises - Evaluation till the end of 14th week: control questions during practical exercises, written test (10 questions)	
Výsledky vzdelávania: After completion of the subject the student has a basic knowledge in psychological aspects in medicine aimed to psychological aspects of the disease and the sick person/patient, medical examinations, treatment and health environment. Student knows characteristics and assessment of mental functions, principles of psychosomatic and somatopsychic relations. He/she has basic knowledge in specifics of verbal and nonverbal communication in medicine.	
Stručná osnova predmetu: Medical psychology – basic terms, characteristics and content of the field. Psychosomatic and psychophysiology, psychosomatic and somatopsychic relations. Psychopathogenesis. Bio-psycho-social model of disease. Mental functions – basic characteristics, methods of examination, issues of normality and pathology, behaviour and experiencing (externalizing and internalizing behavior), state and trait variables, psychopathology. Psychological aspects of the disease and the sick person/patient. Experiencing and elaboration of disease (adaptation to disease, disorder, illness). Pathopsychology. The issue of pain, aggravation, simulation, dissimulation, self-harm, deliberate induction of symptoms, alexithymia, types of patient's behavior, problems of terminal states and dying. Psychological problems of medical examinations, observation and interview as a diagnostic tool in medicine. Psychological diagnosis and its importance in medical practice.	

Psychological problems of treatment. Psychological methods of treatment, psychotherapy and its mechanisms. Psychological crisis, crisis intervention. Psychological problems of health environment, outpatient and inpatient care. Psychological aspects of the doctor's work and other health professionals. The issue of burnout, coping with the burden and frustrating experiences, problems of cooperation and rivalry. Medical ethics. Iatropathogenesis. Mental hygiene, prevention, specific psychohygienic problems. Verbal and nonverbal communication and its importance in medicine. Communication with specific groups of patients. Patient noncompliance. Specifics of communication in different developmental stages. Communication with pediatric patient, geriatric patient. Communication with seriously ill and dying patients. Communication with patients with acute and non-acute mental disorder, with physical, sensory and intellectual disabilities.																				
Odporúčaná literatúra: Mc Manus, I.,C.: Psychology in medicine. Butterworth, 1992 Ayers S., Visser R. Psychology for medicine. Sage, Los Angeles 2011, 530 p. Alder B. et al. Psychology and sociology applied to medicine. 3rd. ed. Elsevier, Edinburgh 2009, 182 p.																				
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english																				
Poznámky:																				
Hodnotenie predmetov Celkový počet hodnotených študentov: 597 <table> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>63.32</td><td>0.0</td><td>16.92</td><td>11.22</td><td>3.69</td><td>4.69</td><td>0.17</td></tr> </table>							A	ABS0	B	C	D	E	FX	63.32	0.0	16.92	11.22	3.69	4.69	0.17
A	ABS0	B	C	D	E	FX														
63.32	0.0	16.92	11.22	3.69	4.69	0.17														
Vyučujúci: doc. MUDr. Igor Ondrejka, CSc.																				
Dátum poslednej zmeny: 22.07.2015																				
Schválil:																				

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ/2- JVL-594/15	Názov predmetu: Medicine of Catastrophies
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Requirements to successfully complete the course: To compete the course, three basic conditions should be fulfilled: 1. active attendance in seminars: compulsory attendance in seminars – in case of absence, the student should substitute the missing seminars through consultation with the respective teacher 14x2 (28 points) 2. well arranged preparation of the 1st theme in a form of an essay (max. 36 points) until mid of the semester 3. well arranged preparation of the 2nd theme in a form of an essay (max. 36 points) until end of the semester Final evaluation (max. 100 points): Achieved points in total Final evaluation 100 – 91 A (1) 90 – 81 B (1.5) 80 – 73 C (2) 72 – 66 D (2.5) 65 – 60 E (3) 59 and less Fx (4) At least 60 points in total evaluation are needed to compete the course..	
Výsledky vzdelávania: After completion of the subject the student understands - kinds of injuries in natural and man-made disasters - risks of emergent situation on local, regional, national and international level - problem of preparedness and public health measures to deal with emergent situations as well as their management -international health regulations -basic characteristics of flu pandemic preparedness	
Stručná osnova predmetu: Public health and disaster medicine.	

Management in emergent situations. Planned measures in Slovak Republic in a case of event liable to international regulations. Pandemic preparedness and international cooperation in emergent situations. Disasters with predominant chemical effect. Psychological impact of disasters, human stampede, ethical aspect of disaster medicine. War medicine and terrorism. Nuclear, industrial, natural and humanitarian disasters.						
Odporúčaná literatúra: OBLIGATORY LITERATURE: Klement Cyril a kol: Mimoriadne udalosti vo verejnom zdravotníctve. Banská Bystrica: PRO, 2011, 664 s., ISBN: 978-80-89057-29-0 Klement Cyril a kol: Medzinárodné zdravotné predpisy. Banská Bystrica: PRO, 2009. 438 s., ISBN: 978-80-89057-24-5 Klement Cyril, Mezencev, Roman a kol: Biologické zbrane. Bratislava: BONUS, 2008, 380 s., ISBN: 978-80-969733-2-3 RECOMMENDED LITERATURE: Prymula R. a kol.: Biologický a chemický terorizmus. Praha: Grada, 2001. 152 s. http://www.who.int/topics/ www.ecdc.europa.eu						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 6						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Dátum poslednej zmeny: 28.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚMI/2- JVL-517-1/527A/00	Názov predmetu: Microbiology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 4.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule End study evaluation of students is based on written test, cut off for pass is 60%. Presence on 3 lectures is evaluated with one point. 100% presence in practicals is evaluated with one point. The student can get 5 points during the study period that will be added to the exam test if the minimal required value for passing (60%) is reached.	
Výsledky vzdelávania: The student receives information from general bacteriology, virology, parasitology and mycology, about their structure, metabolism, pathogenic potential, pathogenesis of infectious diseases, genetics and antibiotics used for the treatment, as well as about methods of disinfection and prevention (vaccination included). The student is trained to use principal diagnostical procedures, to understand their theoretical background, indication and interpretation. The student is able to manage the most common way of sampling of infectious materials, to process them for microscopy, cultivation, identification and ATB susceptibility and tools of pathogenity testing. The student is able to continue the study that requires the basis of bacterial cell structure, metabolism, genetics and to use the gained knowledge for understanding the requirements of the next degree (microbiology 2).	
Stručná osnova predmetu: Introduction to microbiology, Structure of bacterial cell, Physiology and metabolism of bacterial cell, Genetics of bacterial cell, Antibiotics, vaccines, disinfection, Antibiotics and resistance, Pathogenic potential of microorganisms, Pathogenesis of infection Safety in microbiological laboratory, organization of study, Microscopy, native smear, fixed smear, Staining procedures: Gram, Acid fast, Burri method, Wirtz Conklin for spores, Neisser, Albert for metachromatic granules, Cultivation, inoculation, Identification of bacteria. Cultivation media. Anaerobic bacteria cultivation. Detection of pathogenic potential of bacteria – enzymes, toxins, ATB susceptibility testing	

Odporúčaná literatúra: Greenwood D, Barer M, Slack R, Irwing W. Medical Microbiology Eighteenth Edition. Edinburgh: Elsevier Saunders 2012; pp. 778. Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 760						
A	ABS0	B	C	D	E	FX
37.11	0.13	29.47	20.66	9.21	3.42	0.0
Vyučujúci: doc. MUDr. Elena Nováková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚMI/2- JVL-518/10	Názov predmetu: Microbiology 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 3 Za obdobie štúdia: 45 / 45 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule Exam: Written exam test - Presence on 3 lectures is evaluated with one point. 100% presence in practicals is evaluated with one point. The student can get 5 points during the study period that will be added to the exam test if the minimal required value for passing (60%) is reached. Oral exam - The oral exam consists of 4 questions. Each one is evaluated separatly. No question could be graduated Fx for successfull exam	
Výsledky vzdelávania: The student receives information from specialised bacteriology, virology, parasitology and mycology about the structure, metabolism, pathogenic potential and pathogenesis of human infectious diseases, antibiotics used for the treatment as well as methods of identification. The student is trained to use principal diagnostical procedures, to understand their theoretical background, indication and interpretation. The student is able to manage the most common way of sampling of infectious materials, to process them for microscopiy, cultivation, identification and ATB susceptibility and tools of pathogenity testing. The The students knows most important microbial ethiology of infectious of respiratory, gastrointestinal, urogenital tract, skin, soft tissues, central nervous system in different age groups including fetus, newborn, pre-school age children, children, adolescent, adult, geriatric patients, pregnant women and immunocompromised persons.	
Stručná osnova predmetu: Bacteriology G + cocci staphylococci. streptococci Bacteriology G – cocci neisseria, haemophilus Bacteriology, G - rods, enterobacteriaceae Bacteriology, G - rods, nonfermenting rods Bacteriology, G + rods, anaerobes Spirochetates, chlamydia, mycoplasma	

Introduction to virology Virology, DNA viruses , RNA viruses Hepatitis viruses, prions, HIV Medical mycology, medical parasitology RTI, STI, GIT and UGT infection – ethiology CNS, blood infection, bacterial intoxication – ethiology Ethiology of infections of newborne, old patient, fetus infection Hospital infection and opportunistic infections ethiology Direct and indirect diagnostical methods New approaches in identification of infectious ethiology						
Odporúčaná literatúra: Greenwood D, Barer M, Slack R, Irwing W. Medical Microbiology Eighteenth Edition. Edinburgh: Elsevier Saunders 2012; pp. 778. Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 560						
A	ABS0	B	C	D	E	FX
12.86	0.0	13.75	32.86	24.46	16.07	0.0
Vyučujúci: doc. MUDr. Elena Nováková, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-590-1/4463/00	Názov predmetu: Molecular Biology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Human Genome Project, organization of the human genome, human RNA genes, human polypeptide-coding genes, human tandemly repeated noncoding DNA, VNTR, STR, SNP, databases in medicine, DNA polymorphism as the basis of genetic markers, application of microsatellites polymorphism in medicine. Human gene expression, transcription factors, histon modifications, CpG islands, genomic imprinting, allelic exclusion, application of this knowledge in medicine (diagnostics, cancer therapy) Instability of the human genome, mutation and DNA repair, cell cycle regulation and cancer development. The meaning of mutation classification according to sequence change and the effect, nomenclature for describing mutations, gain of function mutations, loss of function mutations, haploinsufficiency, dominant negative effect, epigenetic modifications, SNP, molecular diagnostic of cystic fibrosis as an example for application of the methods of molecular biology a result interpretation, monogenic inherited diseases and molecular diagnostics, OMIM. The evolution of cancer, multistep model of cancer development on the example of colorectal a hematopoietic carcinogenesis , inheritance of cancer, cancer critical genes, the significance of genetic alterations applied in diagnostics, examples of genetic alteration applied in diagnostics of leukemia, lymphomas, hereditary cancer syndromes. Complex diseases – Alzheimer disease, obesity, atherosclerosis, relations between inheritance and diseases development. Gene therapy – possibilities and perspectives. Annotation of practical lecture. Practical lectures are carried out in form of seminars with practical demonstrations. Methods of molecular biology – isolation of nucleic acids, principles of electrophoretic separation of DNA and RNA fragments, polymerase chain reaction (PCR) , reverse transcription PCR, Real Time PCR. , STR databases, PCR protocol, PCR preparation, fragmentation analysis, interpretation of results of fragmentation analysis in capillary electrophoresis, SNP and point mutation analysis using PCR and restriction enzyme digestion, result interpretation from agarose electrophoresis, comparison with systems TaqMan and FRET. DNA sequencing , principles, introduction in Chromas and BLAST, description and interpretation of point mutation, insertions and deletions, examples of molecular diagnostic and result interpretation of monogenic	

diseases and cancer. Detection of chromosomal translocations – FISH, PCR, RT-PCR a monitoring of residual diseases using Real Time PCR						
Odporúčaná literatúra: T. Strachan and A.Read: Human Molecular Genetics, Fourth Edition, Garland Science, 2010. ISBN-10: 0815341490, ISBN-13:978-0815341499 (selected chapters) Futher Reading: G.Patrinis and W.Ansorge: Molecular Diagnostics, Second edition, Academic Press, 2009. ISBN-10: 0123745373, ISBN-13: 978-0123745378 L.Buckingham and M.L.Flaws: Molecular Diagnostics . Fundamentals, Methods and Clinical Applications. F.A.Davis Company, 2007. ISBN-10: 0-8036-1659-7, ISBN-13: 978-0-80361659-2 Nussbaum, R.L., et al. Genetics in Medicine. Philadelphia:Sauders 2004. 444 s. ISBN 0-7216-0244-4 (selceted chapters) www.ncbi.nlm.nih.gov – general database in medicine www.ncbi.nlm.nih.gov/omim/ - Online Medelian Inheritance in Man , database of inherited diseases www.ensembl.org – genomes database, including human genome						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 686						
A	ABS0	B	C	D	E	FX
36.01	11.52	35.71	15.45	1.17	0.15	0.0
Vyučujúci: doc. RNDr. Zora Lasabová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.NnK/2- JVL-616/11		Názov predmetu: Neonatological propedeutics				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Final completion of the course meet the conditions in the form of continuous assessment.						
Výsledky vzdelávania: Completing the course the student acquires basic skills in physical and screening examinations in physiological and pathological newborns, becomes familiar with the basic procedures in diagnose of pathological conditions. After completing the course with respect to the knowledge acquired the student is able to assess the status of the physiological newborn in the early postnatal period.						
Stručná osnova predmetu: First examination and nursing of newborn Screening examinations Enteral and parenteral nutrition Examination of cardiovascularsystem Examination of respiratory system Assessment of X-ray finding						
Odporúčaná literatúra: Behrman, R.E.: NelsonTextbookofPediatrics. Philadelphia: W. B. Saunders, 2000. 2618 p. Kliegman, R. M.: NelsonTextbookofPediatrics. Philadelphia: W. B. Saunders, 2007. 3200						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 19						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Mirko Zibolen, CSc.						
Dátum poslednej zmeny: 22.07.2015						

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.NnK/2- JVL-588-1/4C53/00	Názov predmetu: Neonatology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Final completion of the course meet the conditions in the form of continuous assessment.	
Výsledky vzdelávania: Graduation of the course a student obtains detailed information on the physiological and pathological conditions in neonatology. Solution of case reports of patients helps him better understand the issue and also the diversity of clinical manifestation of various diseases in neonatal period. The student is able to describe the most common pathological situation in neonatology and suggest appropriate treatment.	
Stručná osnova predmetu: Extremely low birth-weight newborn - Perinatal asphyxia - Resuscitation of newborn - Hypoxic-ischemic encephalopathy, periventricular leucomalatio - Intracranial haemorrhage in neonatal period - Respiratory diseases in term newborns - Cardiology in neonatology - Ethics in neonatology - Basics of ventilation in neonatal period - Case reports	
Odporúčaná literatúra: Behrman, R.E.: NelsonTextbookofPediatrics. Philadelphia: W. B. Saunders, 2000. 2618 p. Kliegman, R. M.: NelsonTextbookofPediatrics. Philadelphia: W. B. Saunders, 2007. 3200 p	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 104						
A	ABS0	B	C	D	E	FX
98.08	1.92	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Mirko Zibolen, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.NIK/2- JVL-545-1/444F/00		Názov predmetu: Neurology (1)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia: 7.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Introduction into neurologic propedeutics. Basic neurologic clinical investigation. The sensory systems. The cranial nerves /I.-XII./. The motor control system investigation. The upper and lower motor neuron. The syndromes of central-type, peripheral-type and mixed-type palsy and their differential diagnosis. The extrapyramidal syndromes /movement disorders/: parkinsonism, chorea, dystonia, tremor, tics etc. The cerebellar and vestibular syndromes. The cortical symbolic functions. Brain lobes syndromes.						
Odporúčaná literatúra: Gunderson, H. C. Essentials of Clinical Neurology. New York, Raven Press 1990. 550 pp. Drobný, M., Annamarie Neurology Lectures References Text and Study Guide. Martin 1997. 284 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 525						
A	ABS0	B	C	D	E	FX
88.0	11.81	0.0	0.19	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Egon Kurča, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.NIK/2- JVL-546-1/4450/00		Názov predmetu: Neurology (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 4						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Cerebrovascular disorders. Subarachnoidal hemorrhage. Traumatic brain, spinal cord and nerve injury. The comatose patient. Emergency neurology. The tumors of the brain and spinal cord. Headache. Epilepsy and other paroxysmal neurologic disorders. Demyelinating diseases – multiple sclerosis. Inflammatory diseases – encephalomyelitis and Guillain-Barré syndrome. Prion diseases – classic and new variant of Creutzfeld-Jakob disease. Parkinson disease and basic movement disorders. Functional and stereotactic neurosurgery. Peripheral nerve disorders – neuropathies. Myopathy and myositis. Neuromuscular junction disorders – myasthenic and myasthenia-like syndromes. Low back pain and other musculoskeletal syndromes. Chronic neuropathic pain.						
Odporúčaná literatúra: Gunderson, H. C. Essentials of Clinical Neurology. New York, Raven Press 1990. 550 pp. Drobný, M., Annamarie Neurology Lectures References Text and Study Guide. Martin 1997. 284 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 493						
A	ABS0	B	C	D	E	FX
56.8	0.0	30.02	9.33	3.25	0.2	0.41
Vyučujúci: prof. MUDr. Egon Kurča, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.NchK/2- JVL-619/14	Názov predmetu: Neurosurgery (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The condition for the obtaining the credits from neurosurgery is the 2/3 (66%) attendance of the lectures and practical seminars at Clinic of Neurosurgery. Evaluation: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less	
Výsledky vzdelávania: Student knows degenerative diseases of the spine, has an overview of diagnostic and treatment methods for this condition. Know the spine and spinal cord injuries, tumors of the spine and spinal cord and peripheral nerve tumors. Understand the issue of craniocerebral injury and peripheral nerve injury.	
Stručná osnova predmetu: Degenerative disease of the spine. The lecture and practical seminars deal with the pathophysiology and biomechanics of the spine affected by degenerative process. Part of the lecture is an overview of the diagnostic methods of their use in neurosurgery and spinal surgical procedures overview. Spine and spinal cord injuries. The lecture and seminars provide students an overview of the mechanics, pathophysiology and classification of spinal injuries and spinal cord. The clinical features, diagnosis and treatment of spinal cord injury and an overview of basic surgical procedures are presented. Tumors of the spine and spinal cord. Peripheral nerve injury, entrapment syndromes, peripheral nerve tumors. The lectures and seminars deal with tumors of the spine and spinal cord and peripheral nerve damage issues from the perspective of a neurosurgeon with an overview of neurosurgical surgery. Craniocerebral injury. The aim of the lecture and seminars is to provide students an overview of the management of brain injury, based on understanding the pathophysiology and biomechanics of intracranial space and brain injury. The lecture deals with the classification of head injury, intracranial hypertension, diagnosis and treatment of brain injuries. Part of the lecture is an overview of basic neurosurgical procedures in patients with head injury.	
Odporúčaná literatúra: Greenberg, Mark S. Handbook of Neurosurgery. New York: Thieme Medical Publishers, 7th edition, 2010, s. 1338, ISBN: 978-1-60406-326-4	

www.eans.org www.wfns.org						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 148						
A	ABS0	B	C	D	E	FX
99.32	0.0	0.68	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Branislav Kolarovszki, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.NchK/2- JVL-620/14	Názov predmetu: Neurosurgery (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The condition for the obtaining the credits from neurosurgery is the 2/3 (66%) attendance of the lectures and practical seminars at Clinic of Neurosurgery. Evaluation: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less	
Výsledky vzdelávania: The graduate is familiar with the problematic of brain and skull tumors, knows the diagnostic and surgical methods of treatment of brain tumors. The student knows the infectious diseases of brain and skull. He knows the basic principles of cerebrovascular and pediatric neurosurgery.	
Stručná osnova predmetu: Brain and skull tumors – classification, clinical picture, diagnostics and treatment, peroperative neuromonitoring and neuroimaging. Infectious diseases of brain and skull. The review of surgical procedures. Cerebrovascular and pediatric neurosurgery. Spontaneous subarachnoid bleeding, intracerebral haemorrhage, intracranial aneurysms and arteriovenous malformations. The review of microsurgical and endovascular methods. The management of congenital anomalies of brain, spine and spinal cord.	
Odporúčaná literatúra: Greenberg, Mark S. Handbook of Neurosurgery. New York: Thieme Medical Publishers, 7th edition, 2010, s. 1338, ISBN: 978-1-60406-326-4 www.eans.org www.wfns.org	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 149						
A	ABS0	B	C	D	E	FX
99.33	0.0	0.67	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Branislav Kolarovszki, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2-JVL-619/12		Názov predmetu: Norwegian Health Care System				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 2						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 68						
A	ABS0	B	C	D	E	FX
92.65	0.0	4.41	2.94	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ/2- JVL-608-1/529F/00	Názov predmetu: Occupational-health service
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Brief historical insight in health related to work. Basic roles of OHS. Composition and qualification of a OHS team. Organization of activities of OHS, legislative frame in the Slovak Republic. Preliminary audit, assessment of factors of working environment and level of working conditions with focus on identification of risks, monitoring of exposure of the employees to factors of work and working conditions harmful to health. Summary of qualitative-quantitative assessment of health risks. Monitoring and assessment of health condition of employees in relation to work. Opinions on health ability for work. Contents of preventive occupational medical checkups. Organization of the first help in factories. Offering consultation for employees and employers. Activities of OHS in elaboration of programs of protection and support of health of the employees.	
Odporúčaná literatúra: 1. Buchancová, J. a kol.: Pracovné lekárstvo a toxikológia, Osveta, Martin 2003, 1133 s. 2. TUČEK, M., CIKRT, M., PELCLOVÁ, D.: Pracovní lékařství pro praxi. Grada Praha, 2005; 328. 3. BUCHANCOVÁ, J.: Profesionálne ochorenia infekčného pôvodu. V: Szilágyiová, M., Šimeková, K. et al.: Infektológia pre prax. Herba Bratislava, 2010; 241-270. ISBN 978-80-89171-66-8. 4. Aktuálna legislatíva v PZS	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KPLT/2- JVL-574/11	Názov predmetu: Occupational Medicine and Toxicology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 100% participation in practical exercises, final test.	
Výsledky vzdelávania: Completing the course the student acquires basic information of occupational medicine issues, is able understand the principles of diagnosis, treatment, prevention, reporting and compensation of occupational diseases. Is able to identify physical, chemical and biological risk factors in the working environment. The acquired knowledge is able apply for patient evaluation and in differential diagnosis. Student can identify and manage diagnostic process, the most common diseases of the respiratory system, musculoskeletal system, of the professional cancer, of the most common acute and chronic intoxications.	
Stručná osnova predmetu: Introduction to the study of Occupational medicine and toxicology, professional disease - definition, the international list of occupational diseases. The assessment and compensation of occupational diseases. The preventive medical examinations. - Diagnostic procedures and methods, work history, health assessments, treatment and preventive measures to protect health. - Diagnostic methods used in professional and non-professional damages by toxic substances. Evaluation of biological exposure tests, the using of atomic absorption spectrophotometry, chromatographic methods. Activities of the Toxicological information center. - Diagnostic methods used in diseases from physical risk factors. (dynamometry, cold test, measurement of skin temperature, photoplethysmography...). - Professional diseases of the respiratory system - pneumoconiosis - ILO x-ray classification, bronchial asthma, allergic rhinitis. - Professional tumors, etiopathogenesis, clinical findings and hazardous work. - Health damage after acute inhalation gases. The damage by chemical agents at accidents and terrorist use. Damages of the health from aliphatic and aromatic hydrocarbons. - Diseases of the long-term, excessive unilateral limb loading, vibration disease. - The damage of the health by ionizing radiation. Work-related stress. Electromagnetic fields in daily life, the effects on the human body.	

Odporúčaná literatúra:

1. LaDou, J.: Current Occupational and Environmental Medicine. McGrax-Hill Education Europe, 2007, 846 s.
2. Rom, W. N.: Environmental and Occupational Medicine, Philadelphia, 2007, 1884 s.
3. Levy, Barry S. : Occupational and Environmental Health. Oxford: University press, 2011, 854 p.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

english

Poznámky:**Hodnotenie predmetov**

Celkový počet hodnotených študentov: 297

A	ABS0	B	C	D	E	FX
82.49	0.0	13.47	3.7	0.34	0.0	0.0

Vyučujúci: doc. MUDr. Oto Osina, PhD.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.GPK/2- JVL-604-1/5291/00	Názov predmetu: Oncological propedeutics/Oncology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The final evaluation is performed by means of a written test. The pass-through criterion: 25%. Evaluation: : A: 90%, B: 80%, C: 65%, D: 45%, E: 25%, Fx: 0%	
Výsledky vzdelávania: After completion of the subject the student obtains epidemiological data of oncological diseases worldwide (cancer statistics and trends) and knowledge concerning of exogenous and endogenous risk factors of malignant diseases. The student familiarize with the genetic factors and molecular biology of cancer, identification of known oncogenic mutations and basic principles of targeted therapy. The student obtains general knowledge of diagnostic, therapeutic and also preventive methods of malignant diseases.	
Stručná osnova predmetu: - Terminology, epidemiology - cancer statistics and trends. - Basics of etiopathogenesis of oncological diseases. - Molecular biology and genetics. - TNM classification. - Examination of the patients with cancer. - Overall summary of the diagnostic and therapeutic methods in oncology. - Basics of the chemotherapy, radiotherapy, surgery and supportive care and their complication. - Screening and prevention. - Cancer treatment guidelines. - The main aspects of the most important and the most common malignant diseases.	
Odporúčaná literatúra: DeVita V. T. et al: CANCER Principles Practice of Oncology. Lippincott Company Philadelphia, 2007, 2489 p.; Halperin, E.C. et al.: Perez and Brady's Principles and Practice of Radiation Oncology. 5th edition. Lippincott Williams & Wilkins 2008, 2106 p.; Abeloff et al: Clinical oncology. Curchill Livingstone, Philadelphia, 2008, 2555 p.; Hansen H.: Lung Cancer, Informa Healthcare, United Kingdom, 2008, 329 p.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	

englisch						
Poznámky:						
Hodnotenie predmetov						
Celkový počet hodnotených študentov: 142						
A	ABS0	B	C	D	E	FX
83.8	0.0	14.08	2.11	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Pavol Žúbor, DrSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.OK/2- JVL-568-1/4B7E/00		Názov predmetu: Ophthalmology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 1 Za obdobie štúdia: 45 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 404						
A	ABS0	B	C	D	E	FX
50.5	0.0	30.2	14.11	4.7	0.5	0.0
Vyučujúci: MUDr. Peter Žiak, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.OTK/2- JVL-570/11		Názov predmetu: Ortopedics				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1,5 / 1 Za obdobie štúdia: 22,5 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 2						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: ·Investigation methods in orthopaedy ·The osteoarthritis, ethiology, diagnosis, possibility of the treatment ·Congenital foot malformations, acquired diseases of the foot ·Congenital hip dysplasia, diagnosis, treatment ·Congenital and acquired diseases of the spine, diagnosis, Diff.Dx, treatment ·The orthopaedy for general practitioner, principles of the investigation and conservative treatment of outgoing patients						
Odporúčaná literatúra: http://owl.orthogate.com/ http://www.medicalstudent.com/ http://www.orthogate.org/index.htm http://www.orthoseek.com/topics.html http://www.worldortho.com/ http://www.orthosearch.com/ http://wheless.belgianorthoweb.be/ http://www.medmedia.com/med.htm http://www.emedicine.com/orthoped/contents.htm						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 314						
A	ABS0	B	C	D	E	FX
57.96	0.0	31.85	8.6	1.59	0.0	0.0
Vyučujúci: MUDr. Libor Nečas, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KORL/2- JVL-569-1/4B80/00		Názov predmetu: Otorhinolaryngology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 1 Za obdobie štúdia: 45 / 15 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: The education of otorhinolaryngology consist of practical lessons and lectures.The students will pass the final exam /it consists of test, practical and oral theoretical part/.						
Odporúčaná literatúra: Hajtman,A.,Kovaľ,J.: Otorhinolaryngology.Bratislava,UK 1995. 166pp. Colman,H.B. :Hall Colman´s diseases of the Nose,Throat and Ear and Head and Neck./Churchill Livingstone 1992,293 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 405						
A	ABS0	B	C	D	E	FX
43.7	0.0	29.14	16.79	7.16	2.96	0.25
Vyučujúci: prof. MUDr. Andrej Hajtman, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚPA/2- JVL-533-1/4445/00	Názov predmetu: Pathological Anatomy (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 4 / 3 Za obdobie štúdia: 60 / 45 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: I. to absolve succesfully at least 13 of 14 practical lectures/seminars. Student has to appologize the absence immediatelly and personally. Appologized absences (more than 1) require to absolve given practicum in the last compensatory 15th week of the WS, II. successful completing of the central test at the level of at least 12 of 20 available points (i.e. 60%) a III. successful completing of all 6 „small“ tests at the level of at least 18 of 30 available points (i.e. 60%).	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures 1. Introduction to pathology. Methods in pathology. Death and post.mortal changes. 2. Regressive changes: Necrosis, apoptosis, atrophy. 3. Intracellular and extracellular errors of metabolism of lipids, carbohydrates and proteins. 4. Progressive changes: Hypertrophy, hyperplasia, metaplasia, adaptation. 5. Pathology of inflammation: causes, manifestations, types. 6. Exudative superficial and interstitial inflammation. Alterative inflammation. 7. Proliferative inflammation. Healing and reparative processes. 8. Granulomatous and „specific“ inflammation (exudative and proliferative TB). 9. Global circulatory disorders: causes and manifestations. 10. Local circulatory disorders. 11. Introduction to oncopathology. Definitions and carcinogenesis. Classification's approaches. 12. Dignity of the tumors. Grading and staging. Consequences of the neoplastic disease. 13. Mesenchymal tumors – classification, typing and grading. 14. Epithelial tumors – classification, typing and grading. 15. Praecanceroses. Dysplasias of the squamous and glandular epithelium. 16. Neuroectodermal tumorus: classification, typing and grading. Teratomas. 17. Introduction to immunopathology. Classification of the immunopathologic processes. Congenital immune defects. Autoimmune diseases. Pathology of the transplantation. 18. Hyperergic immunopathologic diseases. Systemic connective tissue diseases. 19. Tumours of the blood, haematopoietic and lymphoid tissues – introduction. 20. Myelodysplastic syndromes and myeloproliferative neoplasias. Practical lectures	

Introduction to pathology and histopathology, 2. Regressive changes I: Necrosis and atrophy, 3. Regressive changes II: Errors of metabolism (of protein, lipids and carbohydrates), 4. Exudative superficial and interstitial inflammations, 5. Proliferative inflammation and progressive changes, 6. Granulomatous and "specific" inflammations, 7. Global circulatory disorders, 8. Local circulatory disorders, 9. Introduction to oncological pathology, 10. Epithelial tumors, 11. Precanceroses, 12. Mesenchymal tumors, 13. Neuroectodermal tumours, 14. Discussion related to topics of general pathology.						
Odporúčaná literatúra: • Underwood J.C.E.: General and systematic pathology. Edinburgh, Churchill Livingstone 2000 • Rubin E., Farber J.L.: Pathology. J.B. Lippincott, Philadelphia 1994 • Harish Mohan: Textbook of Pathology, sixth edition, ISBN 978-8-8448-702-2 • Vinary Kumar, M.D., Abul K. Abbas, Jon C. Aster: Rubin's Basic Pathology, ISBN 978-0-8089-2432-6						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 722						
A	ABS0	B	C	D	E	FX
11.5	14.27	20.08	26.18	16.62	10.8	0.55
Vyučujúci: prof. MUDr. Lukáš Plank, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚPA/2- JVL-534/12	Názov predmetu: Pathological Anatomy 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 5 / 4 Za obdobie štúdia: 75 / 60 Metóda štúdia: on-site learning	
Počet kreditov: 10	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: I. to absolve succesfully at least 13 of 14 practical lectures/seminars. Student has to appologize the absence immediatelly and personally. Appologized absences (more than 1) require to absolve given practicum in the last compensatory 15th week of the SS, II. successful completing of the central test at the level of at least 12 of 20 available points (i.e. 60%) a III. successful completing of all 6 „small“ tests at the level of at least 18 of 30 available points (i.e. 60%).	
Výsledky vzdelávania:	
Stručná osnova predmetu: Lectures 1. Malignant lymphomas. 2. Pathology of the heart I. (ICHs, myocardial infarction, valvular anomalies). 3. Non-neoplastic blood disorders. 4. Pathology of the heart II. (Hypertrophy and dilatation of the heart and cardiomyopathy). 5. Atherosclerosis - causes, pathogenesis, manifestations and complications. 6. Inflammatory bronchial and pulmonary diseases (focal and diffuse pneumonias). 7. Interstitial lung diseases, fibrosis of the lungs. Tumours of the lungs. 8. Diseases of the oral cavity, salivary glands and oesophagus. 9. Diseases of the stomach and duodenum (inflammations, peptic ulcer disease, tumours). 10. Diseases of the small and large bowel (malabsorption, inflammations, tumours). 11. Diseases of the liver (hepatitis, cirrhosis, tumours) and exocrine pancreas. 12. Pathology of the breast (non-neoplastic and neoplastic diseases). 13. Glomerulonephritis (etiology, pathogenesis, classification). 14. Interstitial nephritis (etiology, pathogenesis, classification). Tumours of the kidney. 15. Pathology of the ovary and Fallopian tube (non-neoplastic and neoplastic diseases). 16. Pathology of the cervix and corpus uteri (non-neoplastic and neoplastic diseases). 17. Pathology of the prostate, urinary bladder, testis. 18. Pathology of the endocrine system. 19. Pathology of the skin. 20. Pathology of melanocytic lesions. 21. Pathology of selected clinical conditions – I. 22. Pathology of selected clinical conditions – II. 23. Pathology of the CNS I (ischaemia, bleeding, vascular changes). 24. Pathology of the pregnancy. Perinatal pathology. Practical lectures 1. Pathology of the bone marrow and myeloid neoplasms. 2. Malignant lymphomas. 3. Diseases of the heart. Biopsy dg. of the bone tumours. 4. Diseases of the circulatory system	

Immunohistochemistry in haematopathology. 5. Diseases of the respiratory system Bronchial asthma and COPD. 6. Gastritis, peptic ulcer disease, small, and large intestine diseases. Cytological diagnosis of the tumours I. 7. Diseases of the liver, gallbladder and pancreas Cytological diagnosis of the tumors II.8. Pathology of the breast Pediatric oncopathology. 9.Nephritis, nephrosclerosis, end stage kidney Tumours of the kidney. 10. Diseases of the female genital system FISH methods in pathology. 11. Diseases of the male genital system and urinary bladder. 12. Diseases of the endocrine system Diagnosis of pigm. nevi and malignant melanoma.13. Diseases of the skin Biopsy methods in practice.14. Neonatal pathology Malformations detected in the perinatal period.						
Odporúčaná literatúra: • Underwood J.C.E.: General and systematic pathology. Edinburgh, Churchill Livingstone 2000 • Rubin E., Farber J.L.: Pathology. J.B.Lippincott, Philadelphia 1994 • Harish Mohan: Textbook of Pathology, sixth edition, ISBN 978-8-8448-702-2 • Vinary Kumar, M.D., Abul K. Abbas, Jon C. Aster: Rubin´s Basic Pathology, ISBN 978-0-8089-2432-6						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 476						
A	ABS0	B	C	D	E	FX
19.96	0.0	15.76	22.27	14.29	10.92	16.81
Vyučujúci: prof. MUDr. Lukáš Plank, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-555-1/4462/00	Názov predmetu: Pathological Biochemistry
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Evaluation of students is accomplished by written examination, minimal success level: 65 %. Evaluation : A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less	
Výsledky vzdelávania: Passing subject student gets larger knowledge about patobiochemical mechanisms and definition of molecular changes leading to main types of inherited and aquired clinically relevant disorders. Student will be familiarized with the principles of disorders linked with regulation of metabolic pathways and will understand rules of disordered cellular homeostasis. Passing the subject also contributes to undestanding of relations between altered regulation and clinico-biochemical indentification of pathological processes. The knowledges obtained from lectures and practicals can be applied by student in the study of ethiology, diagnosis and therapy of main human diseases.	
Stručná osnova predmetu: -Molecular basis of cell death and cancer -Molecular methods of detection of DNA and protein disorders -Inherited metabolic disorders -Pathobiochemistry of diabetes mellitus and atherosclerosis -Ischemia of CNS -Pathobiochemistry of neuro-degenerative diseases -Pathobiochemistry of heart and circulation -Pathobiochemistry of acid-base regulation, inflammation and conective tissue	
Odporúčaná literatúra: Patronos G.P., Ansorge W.J. Molecular Diagnostics, Elsevier, 2010, 598s Harpers Biochemistry, McGraw Hill, 2000 Cecils Texbook of medicine, Saunders, 1992	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 294						
A	ABS0	B	C	D	E	FX
91.84	8.16	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Dušan Dobrota, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚPF/2- JVL-535/13	Názov predmetu: Pathological Physiology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: A/ Successful passing all seminars and practical session with exception done in General information. B/ To pass the 1st Test C/ To pass the 2nd Test D/ Summative results of the tests: A – 86-90 points B - 81-85 points C - 76-80 points D - 71-75 points E - 66-70 points Students in tutorial form of teaching are obliged to pass 2 tutorials and 2 practical sessions (held at 5th and 14th week).	
Výsledky vzdelávania: After completion of the subject student understand mechanisms involved in induction, development and finishing pathological processes related to disturbances of homeostasis, changes of body reactivity, diabetes mellitus, and cerebral ischemia. He/she will be able to solve independently pathomechanisms leading to development the most frequent symptoms and signs present in disturbances of homeostasis by using casuistics/case reports of real/virtual patients. He/she will be able independently to evaluate physiologic ECG record. Knowledge obtained at practical sessions and seminars, and by individual study will be able to apply in analysis of health problems of patients, by name with disturbances of homeostasis, immunity, thermoregulation, SIRS, pain, circulatory shock, and disturbances o consciousness. He /she are able to identify essential and most important pathomechanisms above mentioned diseased processes.	
Stručná osnova predmetu: - Introduction to study of pathophysiology, health and disease, pathophysiology of ageing, and terminal states - General etiopathogenesis of diseases, noxae, consequences of human being exposure to pollutants	

- role of changed body reactivity in pathogenesis of diseases, stress – its role in development pathological processes and diseases, roles of changed immunity in pathogenesis of diseases
- Pathophysiology of thermoregulation – fever, hyperthermia, hypothermia
- Disturbances of homeostasis – changed volume and content of body fluids, changed acid-base balance
- Pathophysiology of pain – pathomechanisms involved in development pathologic forms of pain
- Pathophysiology of metabolic processes – changes in lipids, proteins, amino acids, purins and carbohydrates metabolism; pathophysiology of nourishment
- Pathophysiology of diabetes mellitus – pathomechanisms involved in disease induction and development, main symptoms and signs, acute and chronic complications
- Systemic inflammatory response syndrome (SIRS)
- Pathophysiology of circulatory shock
- Pathophysiology of brain ischemia
- Ischemic heart diseases (IHDs)- mechanisms responsible for diseases induction, pathomechanisms involved in development of electrical and mechanical disturbances of heart function, atherosclerosis as one of the most important mechanism of IHD development, forms of IHD, positive and negative consequence of reperfusion of ischemic myocardium
- Pathophysiology of heart failure (HF)– mechanisms involved in induction and development of HF, systolic and diastolic forms of HF, differences in mechanisms involved in acute and chronic heart failure, right and left sided HF – mechanisms involved in symptoms and signs development
- Disturbances in blood pressure control – systemic arterial hypertension, mechanisms involved in primary and secondary arterial hypertension development, complications of arterial hypertension- consequences for functions of different organs and systems
- Essentials in evaluation of ECG record

Odporúčaná literatúra:

McPhee, S. J. et al.: Pathophysiology of Disease – An Introduction to Clinical Medicine. London, Prentice Hall Int. Inc. 1995. 521 p.

Tatár, M., Hanáček, J.: Pathophysiology – Topics for Seminars. Bratislava, Comenius University 2001. 220 p.

Price, S. A., Wilson, L. M.: Pathophysiology – Clinical Concepts of Disease Processes. St. Louis, Mosby 1992. 1137 p.

Dubin, D.: Rapid Interpretation of EKG's – a Programmed Course. Tampa, Cover Publ. Comp. 1989. 311 p.

Kaufman, Ch. E., McKee, P.A.: Essentials of Pathophysiology. Boston, Little Brown and Comp. 1996. 799 p.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

english language

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 371

A	ABS0	B	C	D	E	FX
10.24	0.0	27.49	33.69	23.45	5.12	0.0

Vyučujúci: prof. MUDr. Miloš Tatár, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚPF/2- JVL-536/09	Názov predmetu: Pathological Physiology (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 3 Za obdobie štúdia: 45 / 45 Metóda štúdia: on-site learning	
Počet kreditov: 7	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Disorders of endocrine system – general effects of hormones; causes and mechanisms involved in development of disturbances in hypothalamic pituitary system, in thyroid function, in function of adrenal cortex, and in function of parathyroid gland; mechanisms involved in development of symptoms and signs related to mentioned disturbances Pathophysiology of red and white blood cells, disturbances of hemostasis and coagulation – main mechanisms and causes involved in disorders of red blood cells (RBC) – anemias and polycythemias; mechanisms responsible for development of symptoms and signs related to disturbances of RBC White blood cells disturbances (WBC) – leukemias; mechanisms responsible for development of signs and symptoms related to disturbances of WBC. Mechanisms responsible for development of hypercoagulable states (HCS) – primary and secondary HCS Disturbances of gastrointestinal tract (GIT) – main causes responsible for GIT dysfunction and manifestations of GIT disturbances – vomiting, nausea, constipation, osmotic and secretory diarrhoea, GIT-bleeding, ulcer-like and motility-like dyspepsia, gastroesophageal reflux disease; causes and mechanisms involved in development of peptic ulcer CONTENT OF SEMINARS AND PRACTICAL SESSIONS Practice: Pathogenetic analysis of pathological EKG records – dysrhythmias induced by disturbances of impulse creation, and by disturbances of conductive system (heart blocks) Practice: Pathogenetic analysis of pathological EKG records – dysrhythmias induced by disturbances of conductive system (heart blocks) Practice: Pathogenetic analysis of pathological EKG records – acute myocardial infarction, chronic ischemic heart disease, atrial and ventricular hypertrophy and dilatation Practice: Independent individual evaluation of pathologic EKG Seminar: Pathophysiology of valvular heart diseases and heart failure Seminar: Disturbances of blood and lymph circulation in lower extremities, disturbances of visceral circulation-causes and mechanisms	

Practice: Lung function tests (LFT) – spirometry (by Micro Lab), peak-flow measurement (by Peak-flow meter); characteristic changes of LFT in patients suffering from obstructive and restrictive lung diseases. Evaluation of pathological LFT (spirogram and/or peak flow), disturbances of external ventilation Seminar: Pathophysiology of defence mechanism of the respiratory system Seminar: Hypoxia, disturbances of O ₂ and CO ₂ transporting mechanisms Pathophysiology of respiratory insufficiency Seminar: Manifestation of glomerular and tubular disturbances and mechanisms involved in their manifestation. Etiopathogenesis of nephrotic syndrome Seminar: Etiopathogenesis of acute and chronic renal insufficiency Seminar: Pathophysiology of jaundice Seminar: Presentation of semestral report						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 587						
A	ABS0	B	C	D	E	FX
26.75	0.34	23.34	22.32	13.46	9.71	4.09
Vyučujúci: prof. MUDr. Miloš Tatár, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDD/2- JVL-547/12		Názov predmetu: Pediatric Propedeutics				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 4						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: SK 80% attendance at lectures and practicals and active discussion with the teacher during practicals						
Výsledky vzdelávania:						
Stručná osnova predmetu: Hospital admission of the child Hyperbilirubinemie, hypoglykemie The base of the nursing care in pediatrics Investigation of the child with respiratory tract disorders Investigation of the child with a endocrine diseases Investigation of the child with a cardiovascular diseases Investigation of the child with gastrointestinal tract disorders Pediatric rheumatology Water and electrolyte metabolism Intensive medicine Neurological investigation in children Immuno-allergological investigation in children Investigation of the child with a hematologic diseases Specificy of clinical documentation in pediatric						
Odporúčaná literatúra: Behrman, R. E., Kliegman, R.M., Jenson, H.B. Nelson Textbook of Pediatrics. Philadelphia: W. B. Saunders Comp., 2011. ISBN 978143770755 Lissauer, T., Clayden, G. Illustrated textbook of Paediatrics. 2004. 410 s. ISBN 0-7234-3178-7 Behrman, R.E. Essentials of Pediatrics. Philadelphia: W.B.Saunders Comp., 2000. 795 pp. Allen, Hugh D. et al. Moss and Adams' Heart Disease in Infants, Children and Adolescents, Including the Fetus and Young Adult. Philadelphia: Lippincott Williams & Wilkins, 2001. 1468 pp.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 296						
A	ABS0	B	C	D	E	FX
53.72	0.0	27.03	12.5	5.07	1.35	0.34
Vyučujúci: prof. MUDr. Peter Bánovčin, CSc.						

Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava					
Fakulta: Jessenius Faculty of Medicine in Martin					
Kód predmetu: JLF.KDD/2-JVL-SS3a/09		Názov predmetu: Pediatrics			
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning					
Počet kreditov: 0					
Odporúčaný semester/trimester štúdia: 11., 12..					
Stupeň štúdia: I.II.					
Podmieňujúce predmety:					
Podmienky na absolvovanie predmetu:					
Výsledky vzdelávania:					
Stručná osnova predmetu:					
Odporúčaná literatúra:					
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:					
Poznámky:					
Hodnotenie predmetov Celkový počet hodnotených študentov: 297					
A	B	C	D	E	FX
52.19	22.56	12.12	6.73	5.72	0.67
Vyučujúci:					
Dátum poslednej zmeny: 22.07.2015					
Schválil:					

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KDD/2- JVL-571/10	Názov predmetu: Pediatrics (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: - 90% attendance of the practical lessons, - Elaboration of the complete patient's report at the last practical lesson with the active discussion about the patients's examination with the lecturer.	
Výsledky vzdelávania:	
Stručná osnova predmetu: Basic life support, Advanced life support, Intensive care Failure to thrive Physiological newborn (classification of newborns, neonatal screening, hyperbilirubinaemia, hypoglycemia, breastfeeding, birth trauma) Acute disorders of water and sodium metabolism Gastroesophageal reflux Congenital heart diseases with right to left shunt Diff. dg. of fever	
Odporúčaná literatúra: Behrman, R. E. Nelson Textbook of Pediatrics. Philadelphia: W. B. Saunders, 2000. 2618 pp. ISBN 0-7216-9556-6 Kliegman, R.M. Nelson Textbook of Pediatrics. Philadelphia: W. B. Saunders, 2007. 3200 pp. ISBN 978-1416024507 Loeches-Martin I. Bronchitis. InTech, 2011. 190 s. ISBN 978-953-307-889-2 Dostupné na internete: http://www.intechopen.com/books/bronchitis Rigobelo, E.C. Diabetes – Damages and Treatments. InTech, 2011. 348 s. ISBN 978-953-307-652-2	

Dostupné na internete: http://www.intechopen.com/books/diabetes-damages-and-treatments Chesterton, C.M. Food Allergies: New Research. Nova Science Publ.,Inc., 2008. 223 s. ISBN 978-1-60456-978-0 De Cristofaro,R. Microangiopathy. InTech, 2012. 82 s. ISBN 978-953-51-0419-3 Dostupné na internete: http://www.intechopen.com/books/microangiopathy						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 344						
A	ABS0	B	C	D	E	FX
92.44	0.0	3.78	2.91	0.87	0.0	0.0
Vyučujúci: prof. MUDr. Peter Bánovčin, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDD/2- JVL-572/14		Názov predmetu: Pediatrics (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 3						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: 80% attendance of the practical lessons, - Elaboration of the complete patient's report at the last practical lesson with the active discussion about the patients's examination with the lecturer.						
Výsledky vzdelávania:						
Stručná osnova predmetu: Neonatology I. Cardiology- Stenosis arteria pulmonalis Stenosis aortae, coartacio aortae Endocrinology Pneumology Hematology Diseases of leukocytas, trombocytopenie Alergology Disorders of GIT Emergency care Critical care						
Odporúčaná literatúra: 1./ Ignacio Martin-Loeches: Bronchitis. Vyd.: InTech, 2011, 190 s. ISBN 978-953-307-889-2 2./ Everlon Cid Rigobelo: DIABEDES – DAMAGES AND TREATMENTS. Vyd.: InTech, 2011, 348 s. ISBN: 978-953-307-652-2.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 154						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Peter Bánovčin, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDD/2- JVL-573/13		Názov predmetu: Pediatrics (3)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 40 Za obdobie štúdia: 600 Metóda štúdia: on-site learning						
Počet kreditov: 10						
Odporúčaný semester/trimester štúdia: 11., 12..						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: work in clinics and department as house officer to participate in diagnostic and therapeutic interventions assessment of x-rays and EKG active participation in clinical rounds and seminars writing of patient medical records and patient presentation at the presence of teacher						
Odporúčaná literatúra: Houšťek, J. a kol.: Dětské lékařství. Praha, Avicenum, 1990, 499 s. Zibolen, M.: Praktická neonatológia, Martin, Neografia, 2001, 534 s. Buchanec, J. a kol.: Vademekum pediatria. Martin, Osveta, 2001. 1118 s.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 162						
A	ABS0	B	C	D	E	FX
79.63	0.0	17.28	2.47	0.62	0.0	0.0
Vyučujúci: prof. MUDr. Peter Bánovčin, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.KDCh/2- JVL-586-1/4C51/00		Názov predmetu: Pediatric Surgery				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Neonatal surgery Surgery of congenital malformations in neonate, infants and children Surgery of acquired diseases Acute abdomen in childhood Miniinvasive surgery in pediatric patient						
Odporúčaná literatúra: Papers and seminars Script in preparation Ashcraft, K.W.: Pediatric surgery, W.B. Saunders Company, 2000						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 129						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Milan Dragula, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚFa/2- JVL-529/10	Názov predmetu: Pharmacology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: ☐ Presence at 9 practicals and seminars ☐ Obtaining minimum of 180 points from 3 tests and additional activities	
Výsledky vzdelávania: Based on results of tests during semester: A/1 = 91 – 100 % (273-300 points) B/1,5 = 81 – 90 % (243-272 points) C/2 = 73 – 80 % (219-242 points) D/2,5 = 66 – 72 % (198-218 points) E/3 = 60 – 65 % (180-197 points) Fx = less than 60 % (180 points)	
Stručná osnova predmetu: o Basic principles of pharmacokinetics and factors affecting the effect of drugs in the body. o The mechanism of drugs action from the molecular up to the body level. o Prescription of drugs, basic rules and legislation regulating prescription of the drugs. o Special pharmacology of drugs that affect the autonomic nervous system and diseases of respiratory and gastrointestinal system. Anticancer chemotherapeutics and basic knowledge of immunopharmacology. Drugs affecting metabolism of hormones and used for therapy of selected hormonal disorders. Drugs affecting homeostasis of minerals, bone metabolism and vitamins.	
Odporúčaná literatúra: Obligatory literature 1. Rang HP, Dale MM, Ritter JM.: Pharmacology. 6th ed., Churchill Livingstone, 2007. Standard ed. ISBN 978-0-443-06911-6. Recommended literature 1. Katzung, B.G.: Basic Clinical Pharmacology, 9th edition, New York : McGraw-Hill, 2004. 2. Katzung, B.G.: Basic Clinical Pharmacology, 10th edition, New York : McGraw-Hill, 2007.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 428						
A	ABS0	B	C	D	E	FX
12.85	0.23	37.38	27.1	14.25	7.48	0.7
Vyučujúci: doc. RNDr. Soňa Fraňová, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚFa/2- JVL-530/10		Názov predmetu: Pharmacology (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning						
Počet kreditov: 5						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu: Active participation at min 9 seminars obtaining min 180 points from tests and additional activities (max 300) successful passing the final exam						
Výsledky vzdelávania:						
Stručná osnova predmetu: • Special pharmacology of drugs that affect the diseases of central and peripheral nervous system as well cardiovascular diseases. • Drugs with antimicrobial effect. • Treatment of pain and inflammation. • Principles of toxicology, treatment of poisoning and addiction. • Application of acquired knowledge to model situations of clinical cases.						
Odporúčaná literatúra: Obligatory literature 1. Rang HP, Dale MM, Ritter JM.: Pharmacology. 6th ed., Churchill Livingstone, 2007. Standard ed. ISBN 978-0-443-06911-6. Recommended literature 1. Katzung, B.G.: Basic Clinical Pharmacology, 9th edition, New York : McGraw-Hill, 2004. 2. Katzung, B.G.: Basic Clinical Pharmacology, 10th edition, New York : McGraw-Hill, 2007.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 414						
A	ABS0	B	C	D	E	FX
21.5	0.0	23.67	23.19	13.53	14.25	3.86
Vyučujúci: doc. RNDr. Soňa Fraňová, PhD.						

Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KTPCh/2- JVL-561-1/4B77/00	Názov predmetu: Phthisiology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 1. To attend both practicals. 2. To pass through the final evaluation. The final evaluation is performed by means of a written test. The pass-through criterion: 17%. Evaluation: A: 100%, B: 83%, C: 67%, D: 50%, E: 33%, Fx: 17%	
Výsledky vzdelávania: Student learns the current knowledge on epidemiology, clinical picture, diagnostics, differential diagnostics, treatment, and prevention of tuberculosis.	
Stručná osnova predmetu: Lectures: 1. Pulmonary Tuberculosis: Etiology, Epidemiology, Pathogenesis and Pathology, Clinical Manifestation. 2. Pulmonary Tuberculosis: Diagnostics, Treatment. 3. Pulmonary Tuberculosis Combined with Other Severe Diseases. Extrapulmonary Tuberculosis. Control of Tuberculosis. Practicals: 1. Pulmonary Tuberculosis: Etiology, Epidemiology, Clinical Manifestation, Examination of Patients. 2. Pulmonary Tuberculosis: Diagnostics, Treatment, Examination of Patients.	
Odporúčaná literatúra: Recommended literature: Harrison,s et al.: Principle,s of Internal Medicine. New York, McGrawHill comp., 1994, 2 Vol., 2496pp.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 386						
A	ABS0	B	C	D	E	FX
88.08	5.96	5.18	0.26	0.52	0.0	0.0
Vyučujúci: doc. MUDr. Robert Vyšehradský, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚTV/2- JTV-503-1/426F/00		Názov predmetu: Physical Training (3)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 3.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 37						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: PaedDr. Jozef Šimeček						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚTV/2- JTV-504-1/4270/00		Názov predmetu: Physical Training (4)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 4.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: To practice skills in ball games (basketball, football, volleyball). Introduction to fitness conditioning, aerobic, taking sauna and swimming.						
Odporúčaná literatúra: Doc.PhDr. Gustáv Breznen CSc. a kol. Volejbal – učebné texty						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 44						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: PaedDr. Jozef Šimeček						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚTV/J-S-VL-TV1/15		Názov predmetu: Physical Training 1				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 1.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 11						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: PaedDr. Jozef Šimeček						
Dátum poslednej zmeny: 27.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚTV/J-S-VL-TV2/15		Názov predmetu: Physical Training 2				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 2.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 11						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: PaedDr. Jozef Šimeček						
Dátum poslednej zmeny: 27.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚFy/2- JVL-515-1/4246/00	Názov predmetu: Physiology (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 5 / 4 Za obdobie štúdia: 75 / 60 Metóda štúdia: on-site learning	
Počet kreditov: 9	
Odporúčaný semester/trimester štúdia: 3.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 1. To participate actively on the practical sessions, to take part at 93 % of practicals 2. To pass 2 credit tests by minimum of 60% (Physiology of blood, Physiology of cardiovascular system) 3. To prepare and present one physiological topic (seminar)	
Výsledky vzdelávania: After completion of the subject the student obtains knowledge and recognizes the principles of the human body functions on the different levels: molecular, subcellular, cellular, tissue, organ and systemic. The major emphasize is on the mechanisms and regulations of functions. The principles are applied in the complex interactions between the systems maintaining the constant internal environment (homeostasis) and external environment. In Physiology 1 the student understands the functions of Blood, Cardiovascular System and Respiratory System. The student reaches deep knowledge by means of interactive lectures, case studies analysis and simulation technologies. The student becomes experienced in examinations of the human body functions by modern clinical methods during practical training.	
Stručná osnova predmetu: Physiology of blood (volume, composition, erythrocytes, ESR, leukocytes, platelets, hemostasis, blood groups, transfusion, principles of immunophysiology). Cardiovascular system (physiology of the heart, cardiac cycle and output, heart sounds, methods for examinations of the heart and vessels, regulation, reflexes, hemodynamics, circulation in the special regions, lymphatic circulation, ontogenetic aspects of the cardiovascular system from intrauterine life up to the elderly). Respiratory system (ventilation, mechanics of breathing, function tests, gas exchange, gas transport, pulmonary surfactant, oxygen therapy, artificial ventilation, regulation of the breathing, ontogenetic aspects).	
Odporúčaná literatúra: Basic and recommended literature: Barrett KE et al.: Ganong's Review of Medical Physiology. 23rd Edition. New York: McGraw-Hill 2010, 800 pp. ISBN: 978-007-127066-3.	

Guyton AC, Hall JE.: Textbook of Medical Physiology. 11th Edition. Philadelphia: Elsevier Saunders, 2006, 1152 pp. ISBN: 978-0-7216-0240-0.
 Javorka, K. et al.: Medical Physiology. Laboratory manual. Bratislava: Comenius University, 2013, 160 pp. ISBN: 978-80-223-3485-3
 Koeppen BM, Stanton BA: Berne & Levy Physiology. 6th Edition. Philadelphia: Mosby/Elsevier, 2008, 864 pp. ISBN: 978-0-323-04582-7.

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

English

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 946

A	ABS0	B	C	D	E	FX
10.47	19.34	18.08	30.13	15.54	6.34	0.11

Vyučujúci: prof. MUDr. Andrea Čalkovská, DrSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚFy/2- JVL-516-1/4247/00	Názov predmetu: Physiology (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 5 / 4 Za obdobie štúdia: 75 / 60 Metóda štúdia: on-site learning	
Počet kreditov: 10	
Odporúčaný semester/trimester štúdia: 4.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 1. To participate actively on the practical sessions, to take part at 93 % of practicals 2. To pass 2 credit tests by minimum of 60% (Physiology of respiratory system, Physiology of GIS, Physiology of nervous system, senses and muscles) 3. To prepare and present one physiological topic (seminar)	
Výsledky vzdelávania: After completion of the subject the student obtains knowledge and recognizes the principles of the human body functions on the different levels: molecular, subcellular, cellular, tissue, organ and systemic. The major emphasize is on the mechanisms and regulations of functions. The principles are applied in the complex interactions between the systems maintaining the constant internal environment (homeostasis) and external environment. In Physiology 2 the student understands the functions of Gastrointestinal system, Muscles, Reproductive System, Endocrine System and Neural System. The student reaches deep knowledge by means of interactive lectures, case studies analysis and simulation technologies. The student becomes experienced in examinations of the human body functions by modern clinical methods during practical training.	
Stručná osnova predmetu: Physiology of gastrointestinal system (physiology of the mouth, esophagus, stomach, liver and biliary system, digestion and absorption). Renal physiology. Physiology of muscles (skeletal and smooth). Thermoregulation and fever. Physiology of the nervous system (peripheral, autonomic and central). Physiology of the endocrine system. Ontogenetic aspects of the systems. Ageing.	
Odporúčaná literatúra: Basic and recommended literature: Barrett KE et al.: Ganong's Review of Medical Physiology. 23rd Edition. New York: McGraw-Hill 2010, 800 pp. ISBN: 978-007-127066-3. Guyton AC, Hall JE.: Textbook of Medical Physiology. 11th Edition. Philadelphia: Elsevier Saunders, 2006, 1152 pp. ISBN: 978-0-7216-0240-0. Javorka, K. et al.: Medical Physiology. Laboratory manual. Bratislava: Comenius University, 2013, 160 pp. ISBN: 978-80-223-3485-3 Koeppen BM, Stanton BA: Berne & Levy Physiology. 6th Edition. Philadelphia: Mosby/Elsevier, 2008, 864 pp. ISBN: 978-0-323-04582-7.	

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 958						
A	ABS0	B	C	D	E	FX
14.72	0.21	16.18	23.49	17.95	14.82	12.63
Vyučujúci: prof. MUDr. Andrea Čalkovská, DrSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.PK/2- JVL-548/10	Názov predmetu: Psychiatriy (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Requirements for Psychiatry I evaluation. 1. The participation in practicals is compulsory for at least 13-times (especially from 1st to 13th week). 2. Check in the course of practicals: - Evaluation till the end of 7th week: active participation in practicals; permanent study check (control question); examination of patients, case reports and analysis. - Evaluation till the end of 14th week: written test – minimal success 60 %; examination of patients, case reports and analysis; permanent study check (control question).	
Výsledky vzdelávania: After completion of the subject the student has a knowledge in basics of general psychiatry – student is able to understand content of the subject, etiopathogenesis, diagnostic methods and treatment of psychiatric disorders and general psychopathology, with an emphasis on communication with patients with impaired mental functions. Student is able to perform basic examination aimed to patient's history and disturbed mental functions.	
Stručná osnova predmetu: Characteristics and content of this scientific branch Etiopathogenesis of psychiatric disorders General psychopathology / disturbances of perception, gnostic disorders, disturbances of emotivity, thinking, volitional acting, consciousness, memory, intellect and personality/ Diagnostics of psychiatric disorders Treatment and rehabilitation of psychiatric disorders Some organizational, law and ethical aspects	
Odporúčaná literatúra: Compulsory literature Gelder, M. et al. Psychiatry. 3rd. ed. Oxford: Oxford University Press, 2006, 333 pp. ISBN 0-19-852863-9 Recommended literature	

Gelder, M. et al.: Oxford Textbook of Psychiatry. Oxford: Oxford University Press, 1998, 944 pp. ISBN 0-19-262501-2

Moore, D. P., Jefferson, J. W.: Handbook of Medical Psychiatry. St. Louis: Mosby, 1996, 545 pp. ISBN 0-8151-6484-X

Andreasen, N. C., Black, D. W.: Introductory Textbook of Psychiatry. Washington: American Psychiatric Press, 1991, 565 pp. ISBN 0-88048-112-9

Kolibáš, E.: Introduction to Clinical Psychiatry. Bratislava: Ekol, 1996, 107 pp. ISBN 80-967610-0-5

Janicak, P.G.: Handbook of Psychopharmacotherapy. Philadelphia: Lippincott Williams & Wilkins, 1999, 391 pp. ISBN 0-683-30722-3

Stefan, M., Travis, M., Murray, R.M.: An Atlas of Schizophrenia. London: Parthenon Publishing Group, 2002, 98 pp. ISBN 1-85070-074-5

Sartorius, N., Schulze, H.: Reducing the Stigma of Mental Illness. Cambridge: Cambridge University Press, 2005, 238 pp. ISBN-13: 978 0 521 54943 1

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:
english

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 406

A	ABS0	B	C	D	E	FX
68.47	0.0	21.67	8.37	0.99	0.49	0.0

Vyučujúci: doc. MUDr. Igor Ondrejka, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.PK/2- JVL-549/14	Názov predmetu: Psychiatriy (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 1 Za obdobie štúdia: 30 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: active participation in practicals - permanent study check (control question), examination of patients, case reports and analysis, favourable results during running controls, written test, practical exam, oral exam – minimal success 65 %; rating: A/1 = 93 – 100 %; B/1,5 = 86 – 92 %; C/2 = 79 – 85 %; D/2,5 = 72 – 78 %; E/3 = 65 – 71 %, Fx = less than 65 %	
Výsledky vzdelávania: After completion of the subject the student has a knowledge in basics of special psychiatry – student is able to understand specific mental disorders. Student is skilled in basic diagnostics, differential diagnostics and therapy of specific groups of mental disorders, in principles of first aid in psychiatry. He/she has knowledges about legal status of mentally ill. Student fulfils requirements for basics of communication with mentally ill patients and communication with another specialists and psychiatrists.	
Stručná osnova predmetu: - schizophrenia, schizotypal disorders and other psychotic disorders - affective (mood) disorders - organic mental disorders including symptomatic mental disorders - psychogenic (stress-related) mental disorders - problematics of drug dependences - some specific mental disorders / child psychiatry, gerontopsychiatry/	
Odporúčaná literatúra: Gelder, M. et al.: Psychiatry. 3rd. Ed. Oxford: Oxford University Press, 2006, 333 pp. ISBN 0-19-852863-9 Gelder, M. et al.: Oxford Textbook of Psychiatry. Oxford: Oxford University Press, 1998, 944 pp. ISBN 0-19-262501-2 Moore, D. P., Jefferson, J. W.: Handbook of Medical Psychiatry. St. Louis: Mosby, 1996, 545 pp. ISBN 0-8151-6484-X Andreasen, N. C., Black, D. W.: Introductory Textbook of Psychiatry. Washington: American Psychiatric Press, 1991, 565 pp. ISBN 0-88048-112-9 Kolibáš, E.: Introduction to Clinical Psychiatry. Bratislava: Ekol, 1996, 107 pp. ISBN	

80-967610-0-5 Janicak, P.G.: Handbook of Psychopharmacotherapy. Philadelphia: Lippincott Williams & Wilkins, 1999, 391 pp. ISBN 0-683-30722-3 Stefan, M., Travis, M., Murray, R.M.: An Atlas of Schizophrenia. London: Parthenon Publishing Group, 2002, 98 pp. ISBN 1-85070-074-5 Sartorius, N., Schulze, H.: Reducing the Stigma of Mental Illness. Cambridge: Cambridge University Press, 2005, 238 pp. ISBN-13: 978 0 521 54943 1						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 155						
A	ABS0	B	C	D	E	FX
90.97	0.0	7.1	1.29	0.65	0.0	0.0
Vyučujúci: doc. MUDr. Igor Ondrejka, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ.OH/2- JVL-617/12	Názov predmetu: Public Health (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 1 Za obdobie štúdia: 45 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 5	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: SCORING SYSTEM OF THE COURSE a/ 100% obligatory attendance according to the schedule – 14 seminars / 1 seminar for 2 point in total max. 28 points b/ two ppt presentations – students will prepare individually their presentations * 6 points for presentation / in total 12 points c/ written exam – / 3 questions / 1 question for 20 points max. 60 points *Each student chooses the theme of the presentation from the given list so that each student will prepare and present two themes. Students should prepare the presentations and upload them into the moodle e-learning system until deadlines stated specifically in each theme to be presented in the relevant practical. In accordance with Internal Regulation of Comenius University in Bratislava (No.8/2013, Part IV Study organization at CU, Art. 21 par. 9): student's absence in educational activities may be excused if the student has been ill or if there are other obstructions on the side of the student (public post, civic duties carried out in public interest, maternity or parental leave, quarantine, sick family member care, medical examination or treatment, birth of a child to the student's wife, accompanying a family member to a health care facility, death of a family member, student's wedding or a wedding of a student's close relative, unexpected traffic collapse or delays in regular public transport, moving) that will be proved by the student by respective documents. Requirements for assignment for the pre-term exam (terms before Christmas): • 2 ppt presentations prepared and presented during practicals • 100% attendance at practicals. Only one excused missing practical is allowed! Excuse of missing seminars (according to the Study order of JFMCU as well as to the Dean's direction) is possible only in case of less than 20% of missing seminars (3 seminars). In case of 1 missing seminar student can be excused without compensation or substitution but doesn't get points for missing seminar.* In case of more than one missing seminar (i.e. 2 or 3 missed seminars), these should be either substituted (i.e. to come with other group during the given week) or compensated. Compensation means preparation of the short thesis on the topic of the missing seminar. *Excused seminar does not mean student gets points. Student can get points only upon substitution or compensation of the missing seminars.	

In the case of more than 20% (4 and more) of missing seminars their excuse is possible only upon a written request and the approval of the dean of the faculty.

Evaluation of exam:

Acquired points Evaluation

60 – 51 A (excellent - 1)

50 – 41 B (very good - 1, 5)

40 – 33 C (good - 2)

32 – 25 D (satisfying - 2,5)

24 – 20 E (enough - 3)

19 and less Fx (not enough - 4)

Total evaluation (max. 100 points):

Acquired points Evaluation

100 – 91 A (excellent - 1)

90 – 81 B (very good - 1, 5)

80 – 73 C (good - 2)

72 – 66 D (satisfying - 2,5)

65 – 60 E (enough - 3)

59 and less Fx (not enough - 4)

For a successful completion of the course, at least 20 points for the written exam and 60 points in total evaluation are required.

Výsledky vzdelávania:

After completion of the subject the student understands the role of hygiene (as a preventive medical branch) within public health in prevention, health promotion and protection. The student is able to apply theoretical knowledge in practice. The student is able to identify risk factors influencing health status of individuals and population. The student is able to apply health and preventive strategies on a community level to improve health of different population groups living in different conditions and environments.

The student is able to analyse methods of monitoring of population health, its indicators, morbidity, mortality, social determinants of health, and health statistics. The student understands importance of health promoting and preventive programs, basic principles of health care economy, health care systems, and organization of health care in the world.

The student is able to apply knowledge to consistent preventive thinking and to act in health related issues and in relevant research, to interpret and implement health promotion and protection, and prevention of diseases.

Stručná osnova predmetu:

Public Health. Prevention, health protection and promotion.

Environmental hygiene.

Hygiene of children and adolescent.

Occupational Health. Radiation hygiene.

Nutritional hygiene.

Social medicine - history, research methods.

World Health Organization (WHO), Red Cross Movement , European Centre for Disease Control (ECDC)

Prevention and control of chronic diseases.

Basic demographic indicators. Indicators of population health.

Social determinants of health.

Healthcare systems in the world – definitions, models.

Health care facilities, health care economy and policy.

Health inequalities, equity in health. Quality in health care. Evidence-based health care. Modeling and simulation in medical and health sciences.						
Odporúčaná literatúra: OBLIGATORY LITERATURE: RIMÁROVÁ, K.: Environmental Medicine – Hygiene. Košice, Univerzita Pavla Jozefa Šafárika, 2006, 150 p. ISBN: 8070976462 Kostičová et al. An Introduction to Social Medicine. Asklepios, Bratislava 2011 ISBN: 978-80-7167-153-4 RECOMMENDED LITERATURE: ÁGHOVÁ, Ľ. et al: Hygiene (Environmental Medicine). Bratislava, Univerzita Komenského, 1997, 200 p. BENCKO, V. et al.: Hygiene & Epidemiology. Selected chapters. Prague: The Karolinum Press, 2004, 270 pp. LEVY, B.C. et al.: Occupational and Environmental Health IV. Ed, Lippincott Williams and Wilkins, Philadelphia, 2006, 773 p. ISBN: 978-0-7817-5551-1 http://www.who.int/phe/health_topics/en/ Keeping healthy. ECDC, 2010. http://www.ecdc.eu.int/ Protecting Health in Europe. ECDC, 2010. http://www.ecdc.eu.int/ SIGN50. Scottish Intercollegiate Guidelines Network, 2008. Revised Edition. (http://www.sign.ac.uk/guidelines/fulltext/50/index.html) Health21: an introduction to the health for all policy framework for the WHO European Region. (European Health for All series; no. 5.) Copenhagen: World Health Organization, Regional Office for Europe, 1998. http://www.who.int/ Effective Media Communication During Public Health Emergencies. A WHO Handbook. WHO, 2005. http://www.who.int/ Europe an Observatory on Health Systems and Policies. http://www.euro.who.int/observatory/						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 331						
A	ABS0	B	C	D	E	FX
84.29	0.0	12.39	2.11	0.6	0.6	0.0
Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ/2- JVL-618/13	Názov predmetu: Public Health (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: EVALUATION OF THE COURSE 1. Active attendance (100%) at the practicals: 2 points for each session (max. 10 points) 2. Multi-choice test : 15 questions – 2 points each (max. 30 points) 3. Final oral examination (the student draws 2 questions) (max. 60 points) Points achieved for oral exam Evaluation of oral exam 60 – 51 A (1) 50 – 41 B (1.5) 40 – 33 C (2) 32 – 25 D (2.5) 24 – 20 E (3) 19 and less Fx (4) Final evaluation (max. 100 points): Achieved points in total Final evaluation 100 – 91 A (1) 90 – 81 B (1.5) 80 – 73 C (2) 72 – 66 D (2.5) 65 – 60 E (3) 59 and less Fx (4) For successful completion of the course, at least 20 points for oral exam and 60 points in final evaluation are needed. Only students attending all practicals are eligible to sign for preterm exam. 1 The students should fill in the test individually online before exam (usually a day before the oral exam). The test is a part of the e-learning module working under moodle system. In exceptional situations (serious technical problems, lack of internet connection etc.) the student can fill in the test also immediately before the oral exam directly at the Institute of Public Health JFM CU.	
Výsledky vzdelávania: After completion of the subject the student understands epidemiological methods, basic terms of medical statistics, features of epidemic process, immunisation and vaccination, disinfection, disinsection, rodent control, main characteristics of communicable diseases occurrence,	

epidemiology of chronic non-communicable diseases and their primary, secondary and tertiary prevention, essential terms of tropical and travel medicine
Stručná osnova predmetu: Epidemiology – historical introduction, basic terms of epidemiology of communicable diseases (source, infectious agent, outbreak area, epidemic process and its conditions, features), principles of control of communicable diseases, preventive and repressive measures (measures in outbreak area), epidemic measures in practice Prevention of hospital infections Epidemiological classification of infectious diseases, international cooperation in communicable disease control Epidemiological method, population approach in study of diseases, descriptive methods, population and sample, determining of normality and abnormality, validity of diagnostic methods Analytic epidemiological studies (observational studies, intervention studies), screening, introduction to clinical epidemiology, principles of evidence based medicine Essentials of travel and tropical medicine Vaccinology - epidemiological importance, trends and perspectives. Vaccination schedule Epidemiology of chronic diseases, population intervention methods of prevention and health promotion Population health in Slovakia, Europe and World Multifactorial ethiology of non-communicable diseases. Risk factors and their evaluation Evaluation of cardiovascular risk Epidemiology and prevention of oncologic diseases. Current problems of epidemiology in European and Global context, a role of international institutions (WHO, ECDC)
Odporúčaná literatúra: OBLIGATORY LITERATURE: Beaglehole, R., Bonita, R., Kjellström, T. Basic epidemiology. 2nd edition, Geneva:WHO, 2006. 213 pp. ISBN 92-4-154707-3 https://moodle.uniba.sk/moodle/moodle13/course/index.php?categoryid=13 RECOMMENDED LITERATURE: Bakoss, P. a kol. Compendium of Epidemiology. Bratislava: UK, 1999. 148 s. ISBN 80-2231-350-5 Preventing Chronic Diseases. A Vital Investment. WHO Global Report. Ženeva:WHO, 182 s. ISBN 92-4-156300-1 http://www.who.int/chp/chronic_disease_report/en/ Global Status Report on NCDs. 2010 Geneva: World Health Organization. ISBN: 978 92 4 156422 9: http://www.who.int/nmh/publications/ncd_report2010/en/ Global health risks. 2009 Geneva: World Health Organization. http://www.who.int/healthinfo/global_burden_disease/global_health_risks/en/index.html CDC. Epidemiology and Prevention of Vaccine-Preventable Diseases. The Pink Book. http://www.cdc.gov/nip/publications/pink/ Centers for Disease Control and Prevention http://www.cdc.gov/
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english
Poznámky:

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 204						
A	ABS0	B	C	D	E	FX
59.31	0.0	26.96	9.8	3.43	0.49	0.0
Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.RK/2- JVL-550/12	Názov predmetu: Radiology and Nuclear Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The evaluation is a written exam, the minimum threshold of 60% success. Rating: A: 91-100 %, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx: less than 60%	
Výsledky vzdelávania: After completion of the subject the student understands form the final image in various modalities, is able to apply the theoretical knowledge in clinical practice, is able to identify correct algorithm of imaging modalities in Radiology and Nuclear Medicine..	
Stručná osnova predmetu: Chest - a description of the X-ray images , anatomy on conventional X-ray and CT images. The algorithm investigative techniques in pulmonary medicine and cardiology. Pathological conditions of the heart and lungs. The clinical picture of X-ray, CT, ultrasound, MR and AG pathologies. Abdomen - X-ray anatomy of abdominal organs on the convention X-ray, ultrasound, CT and MRI. Description of native examinations and procedures for contrast examination of the esophagus, stomach, small intestine and colon. Pathology in the gastrointestinal tract, urinary system and pelvis and display them by different modalities. Musculoskeletal system - traumatology. X-ray anatomy of bone and joint system for convention and other modalities - ultrasound, CT, MRI. Diagnosis of diseases of soft parts. Neuroradiology - X-ray diagnosis of the skull and spine on plain radiographs, CT, MR. pathology. Pediatrics. Nuclear medicine: Lectures: Nuclear Medicine – basic principles, physics, Imaging principles, positron emission tomography (PET), radionuclide angiography, cardiac NM imaging, brain imaging, special (minor) methods, NM oncology, exam test and pictures demonstration Seminars and Practical's: Nuclear Medicine introduction, principles, radiopharmaceuticals, NM department, bone scanning, practical demonstration, dynamic studies, renal imaging, liver and lung NM imaging, thyroid imaging and cancer management.	

Odporúčaná literatúra:

Radiology:

Breistenseher M., et al. Textbook of Clinical Radiology, University Publisher 3.0, 2012, ISBN 978-3-9503296-7-4

Adam A., et al. Grainger & Allison's Diagnostic Radiology, 6th Edition Churchill Livingstone Elsevier 2015, ISBN: 978-0-7020-4295-9, e-book ISBN: 978-0-7020-6128-8

Geschwind J., et al. Abrams' Angiography: Interventional Radiology - 3rd edition Lippincott Williams & Wilkins 2013 ISBN13: 978-1609137922

Zeleňák K., et. al. Radiology Imaging Techniques of Brain Tumours InTech 2013 DOI: 10.5772/53470

<http://www.intechopen.com/books/clinical-management-and-evolving-novel-therapeutic-strategies-for-patients-with-brain-tumors/radiology-imaging-techniques-of-brain-tumours>

Krajina A., et al. Therapeutic Embolization of Cranial Tumors, Diagnostic Techniques and Surgical Management of Brain Tumors, InTech 2011, DOI: 10.5772/19639

<http://www.intechopen.com/books/diagnostic-techniques-and-surgical-management-of-brain-tumors/therapeutic-embolization-of-cranial-tumors>

Nuclear Medicine:

Kupka, K. a kol.: Nukleární medicína. Příbram: P3K(www.p3k.cz), 2007. 185 s. ISBN 978-80-903584-9-2

Režňák, I. a kol.: Moderné zobrazovacie metódy v lekárskej diagnostike. Martin: Osveta, 1992. 147 s. ISBN 80-217-0428-4

INTERNET:

<http://www.csnm.cz/>

<http://www.kcsolid.cz/zdravotnictvi>

<http://www.sweb.cz/AstroNuklFyzika/>

<http://www.auntminnie.com/index.asp?sec=ref&sub=ncm>

<http://interactive.snm.org/index.cfm?PageID=772>

<http://www.eanm.org/publications/guidelines/index.php?navId=37>

<http://gamma.wustl.edu/newtfh/general/combined/>

http://en.wikipedia.org/wiki/Gamma_camera

[http://en.wikipedia.org/wiki/Isotope_table_\(complete\)](http://en.wikipedia.org/wiki/Isotope_table_(complete))

http://en.wikipedia.org/wiki/Positron_emission_tomography

<http://en.wikipedia.org/wiki/Sievert>

http://en.wikipedia.org/wiki/Single_photon_emission_computed_tomography

<http://medecine.forumed.org/pdflike.php?search=%3Cstrong%3EIndikationen%20der%20PET-CT-Untersuchung%3C/strong%3E>

<http://nuk.med.uni-rostock.de/index.php?id=25>

<http://www.cancer.org/Cancer/ThyroidCancer/DetailedGuide/thyroid-cancer-staging>

<http://www.petnm.unimelb.edu.au/pet/detail/index.html>

<http://www2.alasbimnjournal.cl/alasbimn/CDA/imprime/0,1208,PRT%253D454,00.html>

<http://www.medicalstudent.com>

<http://www.guidelines.com>

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

English language

Poznámky:

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 330						
A	ABS0	B	C	D	E	FX
3.94	0.61	19.09	31.21	33.94	9.7	1.52
Vyučujúci: doc. MUDr. Ivan Režňák, CSc., doc. MUDr. Kamil Zeleňák, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/2- JSJ-511/13	Názov predmetu: Slovak Language (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 Za obdobie štúdia: 45 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Slovak language Unit 1: Titles. Greetings. Polite phrases. Conversation: How are you? Who is it? Introduce yourself, please. Getting to know each other. In the restaurant. Grammar: Making questions: Who is it? Is Mr. Horák a teacher? Yes/No answers. Verb to be. Negation. Numbers 1 – 10. Nominative of adjectives. Unit 2: Describing a person. Marital status. Characteristics. Slovak calendar. Conversation: Visiting a friend. He has flu, I have an exam. Grammar: Substantives – nominative singular. Nominative of adjectives. Opposites. Soft ending adjectives. Negation of adjectives. Number “1”. Demonstratives. Possessive adjectives. Cardinal numbers 11 and above. Possessive pronouns. Verb conjugation. Unit 3: Our family. Members of family. Description of members of family. Conversation: Dialogue. Grammar: Accusative of singular. Substantives – nominative of plural. Adjectives – nominative of plural. Verb conjugation – present tense. Adverbials of time – when? In the morning, in the noon. Making questions. Unit 4: Student Robert Jesenský. Conversation: Dialogue. Grammar: Substantives – nominative of plural. Adjectives – nominative of plural. Verb conjugation – present tense. Adverbials of time. TEST I. Unit 5: In our house. Colours. Advertisements. Conversation: Names of rooms, pieces of furniture. Activities in the flat.	

Grammar: Ordinal numbers. Reflexive verbs. Verb conjugation – present tense. Personal pronouns in accusative. Accusative of plural. Unit 6: Clothes – pieces of clothes, materials. Colours. Date. Weather and seasons of the year. Conversation: Trying clothes. At a doctor. At X-ray. Grammar: Verb conjugation. Prepositions. Unit 7: At medical faculty. Time. Conversation: For the first time in the study department. At the reception. Grammar: Modal verbs. Time. Verb I like, I like doing. TEST II.																				
Odporúčaná literatúra: Slovak language: Kolektív autorov: Slovak for foreign students. Bratislava: Univerzita Komenského 2015. 224 s. German language: Ivanová, A., Hromadová, K.: Deutsch für medizinische Berufe. Bratislava: UK, 2010. 262 s. Dusilová, D. a kol.: Sprechen Sie Deutsch? Učebnice němčiny pro zdravotnické odbory. Praha: Polyglot, 2004. 357 s.																				
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: Slovak language, English language, German language																				
Poznámky:																				
Hodnotenie predmetov Celkový počet hodnotených študentov: 324 <table> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>16.05</td><td>0.0</td><td>26.23</td><td>30.56</td><td>15.43</td><td>10.19</td><td>1.54</td></tr> </table>							A	ABS0	B	C	D	E	FX	16.05	0.0	26.23	30.56	15.43	10.19	1.54
A	ABS0	B	C	D	E	FX														
16.05	0.0	26.23	30.56	15.43	10.19	1.54														
Vyučujúci: PhDr. Mária Bujalková, CSc.																				
Dátum poslednej zmeny: 22.07.2015																				
Schválil:																				

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/J-S-VL-SJ1/15	Názov predmetu: Slovak Language (1)/Foreign Language (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 Za obdobie štúdia: 45 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 1.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania:	
Stručná osnova predmetu: Slovak language Unit 1: Titles. Greetings. Polite phrases. Conversation: How are you? Who is it? Introduce yourself, please. Getting to know each other. In the restaurant. Grammar: Making questions: Who is it? Is Mr. Horák a teacher? Yes/No answers. Verb to be. Negation. Numbers 1 – 10. Nominative of adjectives. Unit 2: Describing a person. Marital status. Characteristics. Slovak calendar. Conversation: Visiting a friend. He has flu, I have an exam. Grammar: Substantives – nominative singular. Nominative of adjectives. Opposites. Soft ending adjectives. Negation of adjectives. Number “1”. Demonstratives. Possessive adjectives. Cardinal numbers 11 and above. Possessive pronouns. Verb conjugation. Unit 3: Our family. Members of family. Description of members of family. Conversation: Dialogue. Grammar: Accusative of singular. Substantives – nominative of plural. Adjectives – nominative of plural. Verb conjugation – present tense. Adverbials of time – when? In the morning, in the noon. Making questions. Unit 4: Student Robert Jesenský. Conversation: Dialogue. Grammar: Substantives – nominative of plural. Adjectives – nominative of plural. Verb conjugation – present tense. Adverbials of time.	

TEST I. Unit 5: In our house. Colours. Advertisements. Conversation: Names of rooms, pieces of furniture. Activities in the flat. Grammar: Ordinal numbers. Reflexive verbs. Verb conjugation – present tense. Personal pronouns in accusative. Accusative of plural. Unit 6: Clothes – pieces of clothes, materials. Colours. Date. Weather and seasons of the year. Conversation: Trying clothes. At a doctor. At X-ray. Grammar: Verb conjugation. Prepositions. Unit 7: At medical faculty. Time. Conversation: For the first time in the study department. At the reception. Grammar: Modal verbs. Time. Verb I like, I like doing. TEST II.						
Odporúčaná literatúra: Slovak language: Kolektív autorov: Slovak for foreign students. Bratislava: Univerzita Komenského 2015. 224 s. German language: Ivanová, A., Hromadová, K.: Deutsch für medizinische Berufe. Bratislava: UK, 2010. 262 s. Dusilová, D. a kol.: Sprechen Sie Deutsch? Učebnice němčiny pro zdravotnické odbory. Praha: Polyglot, 2004. 357 s.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: Slovak language, English language, German language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 130						
A	ABS0	B	C	D	E	FX
53.85	0.0	25.38	10.77	6.15	3.85	0.0
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/2- JSJ-512/13	Názov predmetu: Slovak Language (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 Za obdobie štúdia: 45 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia:	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests - minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania: The result of Slovak language teaching at Jessenius Faculty of Medicine is to teach foreign students the vocabulary of spoken Slovak in everyday situations in Slovak environment as well as basic medical terminology necessary for communication with Slovak patient. Slovak language student should be able to use all four language skills - reading, listening comprehension, speaking and writing.	
Stručná osnova predmetu: Slovak language: Unit 8: At the Slovak lesson Conversation: Dialogues 1 – 3 Grammar: Imperative. Irregular imperative. Locative of singular. Personal pronouns in locative. Unit 9: Yesterday I did an exam Conversation: Dialogues. Services. Grammar: Past tense. Irregular past tense. Instrumental of singular. Future tense. Irregular future tense. Adjectives Unit 10: Leisure time, hobbies. Cardinal directions. Conversation: Invitation to an ice-hockey match. Invitation to the theater. At the cash desk. Grammar: Locative of plural. Indefinite pronouns. Negative pronouns. Multiple negation Unit 11: We talk about food. Groceries. Potatoes pancakes recipe. Conversation: Invitation to a restaurant. In the restaurant. Grammar: Instrumental of plural. Personal pronouns in instrumental. Questions in instrumental. Irregular adjectives. TEST III.	

Unit 12: Traveling. Conversation: At the cash desk in the railway station. In the coach. Ordering taxi. In the taxi. Traveling by plane. Grammar: Adverbs. Irregular adverbs. Dative of singular. Dative of plural. Personal pronouns in dative. Unit 13: Services – Post office – Pharmacy – Fitness-center Conversation: Parcel notice. In the post office. In the pharmacy. Grammar: Comparison of adjectives. Irregular adjectives. Aspect. Unit 14: Shopping. Conversation: In the groceries. Fruit, vegetable. Clothes. Drugstore. Grammar: Genitive of singular. Genitive of plural. Personal pronouns in genitive. TEST IV.						
Odporúčaná literatúra: Slovak language: Collective of authors: Slovak for foreign students. Bratislava: Comenius University 2015. 224 pp. German language: Ivanová, A., Hromadová, K.: Deutsch für medizinische Berufe. Bratislava: UK, 2010. 262 s. Dusilová, D. a kol.: Sprechen Sie Deutsch? Učebnice němčiny pro zdravotnické odbory. Praha: Polyglot, 2004. 357 s.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: Slovak language, English language, German language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 305						
A	ABS0	B	C	D	E	FX
40.98	0.0	27.21	17.7	7.87	5.57	0.66
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚCJ/2- JSJ-513/13		Názov predmetu: Slovak Language (3)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 3.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 416						
A	ABS0	B	C	D	E	FX
50.24	0.0	25.72	14.9	6.49	2.4	0.24
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚCJ/2- JSJ-514/13		Názov predmetu: Slovak Language (4)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaná rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 4.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 352						
A	ABS0	B	C	D	E	FX
60.8	0.0	21.02	8.81	5.97	1.14	2.27
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚCJ/J-S-VL-SJ2/15	Názov predmetu: Slovak Language 2/Foreign Language 2
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 Za obdobie štúdia: 45 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 2.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: 2 written tests - minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%	
Výsledky vzdelávania: The result of Slovak language teaching at Jessenius Faculty of Medicine is to teach foreign students the vocabulary of spoken Slovak in everyday situations in Slovak environment as well as basic medical terminology necessary for communication with Slovak patient. Slovak language student should be able to use all four language skills - reading, listening comprehension, speaking and writing.	
Stručná osnova predmetu: Slovak language: Unit 8: At the Slovak lesson Conversation: Dialogues 1 – 3 Grammar: Imperative. Irregular imperative. Locative of singular. Personal pronouns in locative. Unit 9: Yesterday I did an exam Conversation: Dialogues. Services. Grammar: Past tense. Irregular past tense. Instrumental of singular. Future tense. Irregular future tense. Adjectives Unit 10: Leisure time, hobbies. Cardinal directions. Conversation: Invitation to an ice-hockey match. Invitation to the theater. At the cash desk. Grammar: Locative of plural. Indefinite pronouns. Negative pronouns. Multiple negation Unit 11: We talk about food. Groceries. Potatoes pancakes recipe. Conversation: Invitation to a restaurant. In the restaurant. Grammar: Instrumental of plural. Personal pronouns in instrumental. Questions in instrumental. Irregular adjectives. TEST III.	

Unit 12: Traveling. Conversation: At the cash desk in the railway station. In the coach. Ordering taxi. In the taxi. Traveling by plane. Grammar: Adverbs. Irregular adverbs. Dative of singular. Dative of plural. Personal pronouns in dative. Unit 13: Services – Post office – Pharmacy – Fitness-center Conversation: Parcel notice. In the post office. In the pharmacy. Grammar: Comparison of adjectives. Irregular adjectives. Aspect. Unit 14: Shopping. Conversation: In the groceries. Fruit, vegetable. Clothes. Drugstore. Grammar: Genitive of singular. Genitive of plural. Personal pronouns in genitive. TEST IV.						
Odporúčaná literatúra: Slovak language: Collective of authors: Slovak for foreign students. Bratislava: Comenius University 2015. 224 pp. German language: Ivanová, A., Hromadová, K.: Deutsch für medizinische Berufe. Bratislava: UK, 2010. 262 s. Dusilová, D. a kol.: Sprechen Sie Deutsch? Učebnice němčiny pro zdravotnické odbory. Praha: Polyglot, 2004. 357 s.						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: Slovak language, English language, German language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 92						
A	ABS0	B	C	D	E	FX
59.78	0.0	30.43	6.52	2.17	1.09	0.0
Vyučujúci: PhDr. Mária Bujalková, CSc.						
Dátum poslednej zmeny: 23.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚVZ/2- JVL-614/10		Názov predmetu: Social and Ethical Aspects in Health Care				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Social and ethical problems of communication in health care providing Social and ethical aspects of health care providing to woman, mother and child Social and ethical aspects of health care providing in geriatrics Social and ethical aspects of health care providing to handicapped patients Social and ethical aspects of health care providing to dying patients Social and ethical aspects of transplantations and blood donorship Social and ethical aspects of health care providing in relation to religious fanaticism						
Odporúčaná literatúra: HAŠKOVCOVÁ H.: Lékařská etika, GALÉN Praha, 2002, s. 272, ISBN 80-7262-132-7 VAJDA J.: Úvod do etiky, ENIGMA Nitra, 2004, s. 251, ISBN 80-89132-12-X MUNZAROVÁ M.: Lékařský výzkum a etika, GRADA Praha, 2005, s. 120, ISBN 80-247-0924-4 TATE P.: Komunikace pro lékaře, GRADA Praha, 2005, s. 164, ISBN 80-247-0911-2 GLUCHMAN V., Dokulil M.: Súčasná etické teórie II., PVT Blava, 1998, s. 248, ISBN 80-88859-14-X GLUCHMAN V., Dokulil M.: Súčasná etické teórie III., PVT Blava, 1998, s. 200, ISBN 80-88859-13-1						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KTL/2- JVL-553/09	Názov predmetu: Sport Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: Practical teaching 1. Basic preventive medical examination of athletes (history, physical examination, laboratory techniques, anthropometry, dynamometry, examination of the cardiovascular system, physiological murmur, contraindication for sport). 2. Assessment of physical and functional capacity (bicycle and treadmill exercise testing, indication, contraindication, first aid, evaluation of findings). Chest radiographic and echocardiographic examination, computer assistance in evaluation of findings (athletic heart, physiological enlargement of the heart). Movement - the basis of life. Regeneration and relaxation. 3. Electrocardiographic examination of athlete at rest and during exercise, physiological abnormalities of ecg, signs of trainability on ecg. 4. System of rational lifestyle of athlete (nutritional systems, drinking regimens, macrobiotic and vegetarian feeding, microelements, vitamins). Increase and decrease of body weight. 5. Functional-diagnostic examination in some diseases, prescription of physical exercise in some diseases. 6. Functional testing of respiratory system. Telemetric examination, heart-rate variability, Holter monitoring, sport-tester, sport-medical observation of athlete in sports environment. Doping, sudden death in athlete. 7. The influence of the cold, heat, water and altitude environment on the body. Lectures: 1. Nutrition and dietetics in life-style in healthy people and athletes (basic diet, demands on protein, fat, carbohydrates and energy, vitamins, minerals, nutrition during age periods, energy output) part I. 2. Nutrition and dietetics in healthy people and athletes (increase and decrease of body weight, saccharide loading, nutrition before/during/after competition, multisupplementation) part II. Exercise in the prevention and management of internal disease. Cardiovascular effects of sports activity and physiological response to sports activity.	

3. Exercise electrocardiographic testing (indication, contraindication, methods, evaluation of findings). Environmental conditions and sport (heat, cold, altitude, water). Sudden death in athlete. Doping and doping control.
4. The impact of regular training on human biological systems (musculoskeletal system, cardiovascular and respiratory system, metabolic capacity, central nervous and endocrine system). Differential diagnosis between hypertrophic cardiomyopathy and athletes' heart. Cardiovascular diseases and physical activity.
5. Physical activity in asthma bronchiale, obesity and diabetes mellitus. Hypertension and physical activity.
6. Prevention and management of sport injuries (causes of injuries, diagnostic principles, diagnosis and management of overuse injuries, principles of rehabilitation after injuries, micro/macro-trauma).
7. Physical activity in elder people (maintenance of physical fitness, relation to chronic disease, osteoporosis in elderly). Overtraining. Abstinence syndrome of athlete.

Odporúčaná literatúra:

Marček, T.: Sports Medicine (Manual of Practical Sports Medicine)

web pages -

www.medinfo.sk (basic educational resource) + <http://www.gssiweb.com/reflib/topic.cfm?id=1>, http://www.smasa.asn.au/fact_elbow_pain.html, http://dmoz.org/Health/Medicine/Medical_Specialties/Sports_Medicine/, <http://www.sportsmedicine.com/>

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 429

A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0

Vyučujúci: prof. MUDr. Dušan Meško, PhD.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KSMCh/2- JVL-552/12	Názov predmetu: Stomatology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 3	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Attendance on practical exercises 80% Continuous assessment test form, minimum level succes 65 %, maximum number of points are 20, minimum number of points are 13 Final evaluation in the form of an oral examination	
Výsledky vzdelávania: After completion of the subject the student understands various severe pathological processes in oro-maxillofacial region. The student is able to analyse interrelationship between systemic disease of the body and diseases of oro-maxillofacial region. After completion of the subject the student is able to apply interdisciplinary view when analyzing diseases of oro-maxillofacial region. The student is able to apply knowledge aquired from practical exercises during the examination and diagnosis of injuries and diseases of oro-maxillofacial region. After completion of the subject the student is able to identify precancerous changes, benign, malignant tumors of maxillofacial region and understands the basic guidlines of the multimodal cancer therapy. The student understands basic guidlines in the care about patient with orofacial trauma.	
Stručná osnova predmetu: A brief outline of the history of dentistry, branches of dentistry. Anatomy, physiology and development of oro-maxillofacial region, development of the dentition, developmental disorders in oro-maxillofacial region. Dental caries, definition, classification, etiology, pathogenesis, diagnosis, prevention, prophylaxis, treatment and complications. Dental pulp diseases, classification, etiology, pathogenesis, diagnosis, prevention, treatment and complications. Apical periodontitis, classification, etiology, pathogenesis, diagnosis, prevention, treatment and complications. Periostitis of the jaws, subperiostal and submucosal odontogenic abscesses, etiology, pathogenesis, diagnosis, prevention, treatment and complications. Osteomyelitis of the jaws, classification, etiology, pathogenesis, diagnosis, prevention, treatment and complications.	

Dentogenous (odontogenic) inflammations – spread through head and neck spaces, etiology, pathogenesis, diagnosis, prevention, treatment and complications.
Diseases of periodontal tissues and oral mucosa, oral manifestations of systemic diseases, classification, etiology, pathogenesis, diagnosis, prevention, treatment and complications.
Contents and targets of prosthodontics, fixed restorations, removable dentures, consequences of worn and incorrect designed dentures, dental implants.
Soft tissue cysts and jaw cysts of oro-maxillofacial region, classification, etiology, pathogenesis, diagnosis, treatment and complications.
Salivary gland diseases, classification, etiology, pathogenesis, diagnosis and treatment.
Lymph node diseases in the head and neck area classification, etiology, diagnosis and treatment.
Dentofacial anomalies, classification, etiology, prevention, orthodontic treatment.
Fractures of facial skeleton, classification, etiology, diagnosis, treatment and complications. The first medical aid in orofacial trauma.
Benign and malignant tumors of the oro-maxillofacial region, classification, etiology, diagnosis. Guidelines of the multimodal cancer therapy.

Odporúčaná literatúra:

Tatjana Dostálová a kol.: Stomatologie, Praha: Grada, 2008, 196 s., ISBN 8024727004.
Kolektív autoru: Stomatologie, Praha: Karolinum, 1999, 111 s., ISBN 8071848654.
Ján Vaško a kol.: Stomatológia, Martin: Osveta, 1994, 138 s., ISBN 8021705515
Mitchell, D., A., Mitchell, L.: Oxford handbook of clinical dentistry, New York, Oxford university press, 2005, 4th.ed, ISBN 0-19-852920-1

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

English language

Poznámky:

Hodnotenie predmetov

Celkový počet hodnotených študentov: 328

A	ABS0	B	C	D	E	FX
55.79	0.0	26.52	9.15	4.88	2.74	0.91

Vyučujúci: doc. MUDr. Dagmar Stáelová, CSc.

Dátum poslednej zmeny: 22.07.2015

Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-598-1/524C/00		Názov predmetu: Student Scientific Activity (1)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 50 Za obdobie štúdia: 750 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 6.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 2						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-599-1/524D/00		Názov predmetu: Student Scientific Activity (2)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 50 Za obdobie štúdia: 750 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 7.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 5						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-600-1/524E/00		Názov predmetu: Student Scientific Activity (3)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 50 Za obdobie štúdia: 750 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 8.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 5						
A	ABS0	B	C	D	E	FX
80.0	20.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-601-1/524F/00		Názov predmetu: Student Scientific Activity (4)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 50 Za obdobie štúdia: 750 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 2						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF/2- JVL-602-1/5250/00		Názov predmetu: Student Scientific Activity (5)				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: seminar Odporúčaný rozsah výučby (v hodinách): Týždenný: 50 Za obdobie štúdia: 750 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 10.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 2						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci:						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-579-1/4C4A/00	Názov predmetu: Summer Practice-Gynecology and Obstetrics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 80 Za obdobie štúdia: 1200 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Passing the summer practice of 80 hours at the dpt. of gynecology and obstetrics.	
Výsledky vzdelávania: Total number of students assessed: 44 A: 0%, B: 0 %, C: 0 %, D: 0%, E: 0 %, FX: 0 %, ABS0: 100 %	
Stručná osnova predmetu: Admission and discharge of the gynecological patient. Patient history and physical examination. Proposal for further diagnostic and therapeutic procedures. Assessment of cardiotocographic patterns. Evaluation of fetal metabolic status. Assisting in surgical interventions in obstetrics and gynecology. Presence on ultrasound examinations. Management of physiological labor.	
Odporúčaná literatúra: Cunningham, F. et al.: Williams Obstetrics. McGraw-Hill Professional; 23rd ed., 2009, 1404 pages, ISBN-10: 0071497013. Hoffman, B. et al.: Williams Gynecology. McGraw-Hill Professional; 2nd ed., 2012, 1401 pages, ISBN-10: 0071716726.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language	
Poznámky:	
Hodnotenie predmetov Celkový počet hodnotených študentov: 342	
ABS0	
100.0	
Vyučujúci:	
Dátum poslednej zmeny: 22.07.2015	
Schválil:	

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-554-1/5257/00	Názov predmetu: Summer Practice-Internal Medicine
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 80 Za obdobie štúdia: 1200 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu:	
Odporúčaná literatúra:	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	
Hodnotenie predmetov Celkový počet hodnotených študentov: 360	
ABS0	
100.0	
Vyučujúci:	
Dátum poslednej zmeny: 22.07.2015	
Schválil:	

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚO/2- JVL-520/10	Názov predmetu: Summer Practice - Nursing
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 80 Za obdobie štúdia: 1200 Metóda štúdia: on-site learning	
Počet kreditov: 2	
Odporúčaný semester/trimester štúdia: 4.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: To complete the subject (ABS0) student must meet the following conditions - completion of 80 hours of nursing practice under the supervision of a nurse in real conditions of clinical nursing practice (2 week, 8 hours per day) - submission of following documents to responsible teacher: - confirmation about safety regulations and record of arrivals and departures to/from workplace, - confirmed allocation sheet for Nursing practice - list of practical outputs (for check) – student is obliged to perform each output at least 3 times during nursing practice.	
Výsledky vzdelávania: Within completion of the subject student applies fundamental principles of nursing care provision and standard procedures of selected nursing techniques and interventions while providing nursing care to the patients in real conditions of clinical nursing practice. Student implements reliable evidence-based information for safe healthcare practice. Acquired clinical competences together with ability to argue for and justify the method / technique of the procedure chosen will be the basis for the ability to manage basic and frequently occurring clinical nursing situations and react to them correctly in real clinical practice in the future. After completion of this subject while performing nursing procedures student will be able to: - argue for and justify the method / technique of the procedure chosen, - prepare equipment and supplies necessary to carry out the procedure, - assess the patient in relation to the procedure, - provide instructions and support the patient prior to the procedure, - prepare the patient for the procedure from physical perspective, - perform hand hygiene (hand washing and hygienic / surgical disinfection) - carry out the procedure independently while following clinical standards and guidelines, respecting the principles of asepsis, - communicate with the patient during the procedure, - record and document the procedure and value assessed, - provide patient education / instruction after the procedure,	

- process all the equipment and items used (decontamination).

Stručná osnova predmetu:

Handling patient care articles, equipment and supplies. Disinfection of surfaces, articles, surgical instruments and mechanical equipment, disinfection of skin and hands. Preparing articles and supplies to sterilization process (pre-sterilization preparation).

Bed-making. Assistive, safety and support devices of a bed. Manipulation with clean and polluted personal clothes and bed linen. Bed making for infants and toddlers.

Personal hygiene, hygienic care and practices. Oral hygiene – mouth care (care of intact oral cavity, special oral care, caring for artificial dentures), importance of dental care. Skin care practices – morning and evening hygienic care, bathing a patient, complete bed bath, prevention of sores and pressure ulcers. Hair and nail care – brushing and combing hair, shampooing hair, shaving, hair care in special needs – nits (pediculosis) delousing. Dressing a patient with disabled extremity.

Mobility and immobility. Preventive positioning of an immobile patient. Basic chest exercises / chest physiotherapy and leg exercises. Applying compression bandage of lower extremities / elastic compression stockings.

Therapeutic use of heat and cold.

Measuring, assessing and recording vital signs (body temperature, pulse, respiration, blood pressure, oxygen saturation), obtaining an electrocardiogram (ECG).

Nutrition care. Dietary system, serving meals, assisting patients with eating, feeding the patients. Fluid intake and output, intake and output record.

Managing urinary and bowel elimination – insertion of a straight / indwelling urinary catheter in a female, assistance in urinary catheterization in a male, administering an enema.

Administering oral medications (including buccal and sublingual administration). Topical administration of medications – to the skin (including transdermal patch) and mucosa, instillation of eye and ear medications, nasal instillations, application to body cavities (vaginal medications and instillations, rectal medications, bladder irrigation).

Oxygen therapy and respiratory inhalation (nebulization, inhalations).

Parenteral medications – injections. Preparing and administering subcutaneous injections (s.c. – LMWH, insulin) and intramuscular injections (i.m.). Preparing and assisting in administration of intravenous injection (i.v.). Insertion of peripheral intravenous access device, caring for peripheral and central intravenous access devices.

Parenteral nutrition and blood transfusions – preparing and assisting in application of intravenous solutions and infusions. Preparing and assisting in blood transfusions – care of a patient prior, during and after blood transfusion.

Diagnostic and laboratory testing – taking venous blood samples, capillary blood samples (blood sugar analysis, blood gas analysis (CBG), urine specimen collection (screening for chemical properties, culture and sensitivity test), taking stool specimens, sputum specimen collection, swabs / cultures (mucosa, skin, wounds). Evaluation of laboratory results.

Wound care – changing the wound dressing in aseptic / septic / chronic wounds, assisting in wound care, care of a patient with drain / drainage system.

Establishing and maintaining a sterile field. Assisting in small surgeries.

Odporúčaná literatúra:

Dingová, M., Lepiešová, M., Rosenberg, A. et al.: Basics of Nursing. Textbook for Medical and Nursing Students. Martin : Comenius University in Bratislava, Jessenius Faculty of Medicine in Martin, 2011. 283 p. ISBN 978-80-88866-6-88-6.

Lepiešová, M., Dingová, M., Nemcová, J., Ovšonková, A., Miertová, M., Tabaková, M., Tomagová, M.: Basics of nursing presentations. Martin : JLFUK – portal MEFANET, 2012,

419 p. [online] ISBN 1337-7396ISSN 1337-7396. Available at: http://portal.jfmed.uniba.sk/articles.php?aid=187https://stella.uniba.sk/epc/JL/2012/vtls000257495.pdf Kozier, B., Berman, A., Erb, G., Snyder, S. J.: Fundamentals of Nursing: Concepts, Process and Practice. 7th ed. Pearson Prentice Hall, 2004. 1500 p. ISBN 0130455296.
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: English language
Poznámky:
Hodnotenie predmetov Celkový počet hodnotených študentov: 22
ABS0
100.0
Vyučujúci:
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-580-1/4C4B/00	Názov predmetu: Summer Practice-Pediatrics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 80 Za obdobie štúdia: 1200 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu:	
Výsledky vzdelávania:	
Stručná osnova predmetu: dispenzarization, immunization, routine preventive physical examinations, therapeutics, medical records	
Odporúčaná literatúra: Houštek, J. a kol.: Dětské lékařství. Praha, Avicenum, 1990, 499 s. Zibolen, M.: Praktická neonatologie. Neografia, Martin, 2001, 534 s. Buchanec, J. a kol.: Vademekum pediatra. Martin, Osveta, 2001, 1118 s.	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	
Poznámky:	
Hodnotenie predmetov Celkový počet hodnotených študentov: 349	
ABS0	
100.0	
Vyučujúci:	
Dátum poslednej zmeny: 22.07.2015	
Schválil:	

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF/2- JVL-554-1/5256/00	Názov predmetu: Summer Practice-Surgery
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 80 Za obdobie štúdia: 1200 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: ABSO - Positive evaluation of the head of the surgical department.	
Výsledky vzdelávania: Absolvent pozná prácu sekundárnych lekárov na chirurgickom oddelení.	
Stručná osnova predmetu: 1 Students are acquainted with the work of secondary doctors in the surgical ward. 2 Practical mastery of washing before surgery, dressing surgeon before surgery. The preparation of the surgical field, positioning and covering of the patient. 3 Assistance in operations, using of surgical instruments. 4 Mastering wound changing and minor surgery (incision, excision, suturing). Use of local anesthesia, drainage technique in a small surgery. 5 Practical working knowledge of first-aid equipment (Desault , capistrum spiky , Testudo , etc. .) . Casting technique, self- management under the supervision of a plaster cast. 6 Examination of the surgical patient, medical history, pre-operative and preoperative preparation (pharmaceutical, dietary, psychological). 7 The department administering intramuscular injections, venous injections for assistance, Assistance blood transfers. Mostly surgical wounds. 8 Two night service.	
Odporúčaná literatúra:	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language	
Poznámky:	

Hodnotenie predmetov
Celkový počet hodnotených študentov: 368
ABS0
100.0
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.
Dátum poslednej zmeny: 22.07.2015
Schválil:

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2-JVL-SS2a/09	Názov predmetu: Surgery
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: Odporúčaný rozsah výučby (v hodinách): Týždenný: Za obdobie štúdia: Metóda štúdia: on-site learning	
Počet kreditov: 0	
Odporúčaný semester/trimester štúdia: 11., 12..	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Practical and theoretical state exam Evaluation: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less	
Výsledky vzdelávania: Studnet can complete knowledge of surgical diseases, can enhance the practical skills of surgical propedeutics principles, knows the principles of daily care of the surgical patient, knows the principles of work at the surgical ambulance and operating room. Listed knowledge can applicate to other surgical fields / orthopedics, traumatology, urology, plastic surgery, neurosurgery, pediatric surgery, anaesthesiology and intensive medicine /.	
Stručná osnova predmetu: Daily participation in the work at the surgical ward, ambulance and operating room under the supervision of the designated doctor. Write daily records of treatment of a patient, perform small surgery / removal of stitches, wound dressing, assisting in simple surgeries	
Odporúčaná literatúra: Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp. ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language	
Poznámky:	

Hodnotenie predmetov					
Celkový počet hodnotených študentov: 295					
A	B	C	D	E	FX
53.22	20.68	11.86	9.15	5.08	0.0
Vyučujúci:					
Dátum poslednej zmeny: 22.07.2015					
Schválil:					

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.KTCCh/2- JVL-524/12	Názov predmetu: Surgery (1)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 6.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: To obtain the credit is needed: 80% presence on lectures (with 20% excused absence – 3 lectures); - 80% presence on practical seminars (with 20% excused absence – 3 practical seminars); - pass the test (more than 60 %); - emergency service presence Continuous assessment of students takes the form of a written examination-test, minimum threshold of success: 60 %. Evaluation: A: 95–100 %, B: 85–90 %, C: 75–80 %, D: 65–70 %, E: 60 %, FX: less than 60 %	
Výsledky vzdelávania: The student understands the principles of diagnosis and surgical treatment of endocrine diseases, breast diseases, diseases of the chest wall and the organs of the thoracic and abdominal cavity, arterial and venous system. The student is able to solve problems of differential diagnosis and by the analysis of disease symptomatology and auxiliary examinations can identify surgical diseases of organs and systems. Become familiar with the principles of organ procurement and transplantation, as well as the problems of surgery in senile age.	
Stručná osnova predmetu: Diseases of the thyroid, parathyroid, adrenal gland and thymus. Benign and malignant breast disease Surgical diseases of the organs of the thoracic cavity Surgical diseases of the esophagus and mediastinum Congenital disease of respiratory tract and their surgical treatment, deformities of the chest Surgical disease of the aortic arch branches. Steal syndrome, thoracic outlet syndrome Surgical diseases of the abdominal aorta branches Abdominal Aortic Aneurysm Acute and chronic ischemic limb syndrome Basics of Cardiac Surgery Surgical aspects of diagnosis and treatment of Diabetes mellitus. Diabetic foot Surgical diseases of venous and lymphatic system Thromboembolic disease, embolism to pulmonary artery. Anticoagulant and thrombolytic therapy Hemodialysis and vascular access for hemodialysis.	

Organ donation and transplantation programme Surgical problems of senile age						
Odporúčaná literatúra: Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp. ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 457						
A	ABS0	B	C	D	E	FX
10.28	0.0	26.91	35.67	18.6	7.22	1.31
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-525/10	Názov predmetu: Surgery (2)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 7.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: To obtain the credit is needed: 80% presence on lectures (with 20% excused absence – 3 lectures); - 80% presence on practical seminars (with 20% excused absence – 3 practical seminars); - pass the test (more than 60 %); - emergency service presence Continuous assessment of students takes the form of a written examination-test, minimum threshold of success: 60 %. Evaluation: A: 95–100 %, B: 85–90 %, C: 75–80 %, D: 65–70 %, E: 60 %, FX: less than 60 %	
Výsledky vzdelávania: Student knows the problematics of acute abdomen, principles of diagnosis and treatment in adults and children. Also is familiar with surgical diseases of the stomach and duodenum, and indications for surgical treatment. Student knows surgical disease of the liver, gallbladder, bile ducts and pancreas and principles of surgical treatment. Is familiar with the surgical diseases of the small and large intestine and their surgical treatment. Student knows hernias and the principles of their surgical treatment. Is familiar with particularities of pediatric surgery.	
Stručná osnova predmetu: Acute abdomen- definition, Division of acute abdomen, especially errors in diagnosis. Principles of diagnosis and treatment of acute abdomen. Bowel obstruction, inflammatory acute abdomen, gastrointestinal bleeding, portal hypertension. Acute abdomen in children. Ulcer disease of the stomach and duodenum, complications, indications for surgical treatment. Surgical diseases of the liver, gallbladder and biliary tract. Surgical diseases of the pancreas. Tumor and non-neoplastic diseases of the small and large intestine and rectum. Hernia. Particularities of Pediatric Surgery.	
Odporúčaná literatúra: Sabiston, D.C.: Textbook of Surgery. The biological Basis of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp.	

ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 431						
A	ABS0	B	C	D	E	FX
16.94	0.23	28.07	35.96	15.08	3.48	0.23
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-523/13	Názov predmetu: Surgery (3)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 / 2 Za obdobie štúdia: 30 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 4	
Odporúčaný semester/trimester štúdia: 8.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: To obtain the credit is needed: 80% presence on lectures (with 20% excused absence – 3 lectures); - 80% presence on practical seminars (with 20% excused absence – 3 practical seminars); - pass the test (more than 60 %); - emergency service presence Continuous assessment of students takes the form of a written examination-test, minimum threshold of success: 60 %. Evaluation: A: 95–100 %, B: 85–90 %, C: 75–80 %, D: 65–70 %, E: 60 %, FX: less than 60 %	
Výsledky vzdelávania: Student knows about neuroendocrine tumors of GIT, hernias, congenital diseases of digestive tract. Also knows principle of miniinvasive surgery, new technologies in surgery. Student is familiar basic diagnostic and therapeutic procedures in the treatment of polytrauma. Knows the principles of diagnosis and treatment of injuries of the chest, interior thoracic organs and organs of the abdominal cavity and retroperitoneum. Knows the particularities of traumatology in children. Controls diagnosis and principles of treatment of heart and vascular injury. Know the basic principles of perioperative care in trauma.	
Stručná osnova predmetu: Neuroendocrine tumors of GIT and surgical treatment, hernias, congenital diseases of digestive tract and their surgical treatment. Miniinvasive surgery. New Technologies in surgery. Polytrauma, diagnostic and therapeutic procedures, priority treatment. Injury of the chest and the thoracic organs. Injury of the intraabdominal organs and retroperitoneum. Particularities of the traumatology of children. Injury to the heart and blood vessels. Burns. Perioperative care in trauma.	
Odporúčaná literatúra: Sabiston, D.C.: Textbook of Surgery. The biological Basis of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp.	

ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 254						
A	ABS0	B	C	D	E	FX
1.97	0.0	14.57	37.8	31.1	11.42	3.15
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-526/14	Názov predmetu: Surgery (4)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 9.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The condition for the obtaining the credits is the 2/3 (66%) attendance of the lectures and practical seminars. Evaluation: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less	
Výsledky vzdelávania: Student knows the concept, content and basics of the plastic surgery, its operational techniques, diagnostic methods and therapeutic procedures, knows basic nosological entity in the field of plastic surgery. From practical skills student knows basic examination of the hand. Student is familiar with transplant program.	
Stručná osnova predmetu: Contents and operational techniques in plastic surgery, wound healing, scars, keloids, skin grafts and flaps , species distribution, use. Hand surgery - Dupuytren's contracture , carpal tunnel syndrome. Transplantation from dead or living donors.	
Odporúčaná literatúra: Grab, Smith: Plastic Surgery, 6th Edition, 2006. Sabiston, D.C.: Textbook of Surgery. The biological Basic of Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp. ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	

english language						
Poznámky:						
Hodnotenie predmetov						
Celkový počet hodnotených študentov: 151						
A	ABS0	B	C	D	E	FX
99.34	0.0	0.66	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-527/14	Názov predmetu: Surgery (5)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: The condition for the obtaining the credits is the 2/3 (66%) attendance of the lectures and practical seminars. Evaluation: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less	
Výsledky vzdelávania: The graduate is familiar with the problematics of benign and malign dermal tumors – the classification, diagnostics and treatment options. The student has knowledge about burn injury – the late consequences of burn injury, diagnostics and treatment of hand trauma .The lesion of extensors, flexors, dilacerative injuries and congenital anomalies of hand. Practical skills – the assessment of hand injury. Student is familiar with principles of care about transplanted patients.	
Stručná osnova predmetu: Benign and malignant tumors of the skin and their surgical treatment. Burn injury – the late consequences of burn injury, diagnostics and treatment of hand trauma .The lesion of extensors, flexors, dilacerative injuries and congenital anomalies of hand.Complications in transplant surgery.	
Odporúčaná literatúra: Grab, Smith: Plastic Surgery, 6th Edition, 2006. Sabiston, D.C.: Textbook of Surgery. The biological Basic of Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp. ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:	

english language						
Poznámky:						
Hodnotenie predmetov						
Celkový počet hodnotených študentov: 149						
A	ABS0	B	C	D	E	FX
99.33	0.0	0.67	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-528/13	Názov predmetu: Surgery (6)
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practice Odporúčaný rozsah výučby (v hodinách): Týždenný: 40 Za obdobie štúdia: 600 Metóda štúdia: on-site learning	
Počet kreditov: 17	
Odporúčaný semester/trimester štúdia: 11., 12..	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: To obtain the credit is needed 80% presence clinical teaching lenght and practical part exam. Evaluation: A: 95–100 %, B: 85–90 %, C: 75–80 %, D: 65–70 %, E: 60 %, FX: less than 60 %	
Výsledky vzdelávania: Studnet can complete knowledge of surgical diseases, can enhance the practical skills of surgical propedeutics principles, knows the principles of daily care of the surgical patient, knows the principles of work at the surgical ambulance and operating room. Listed knowledge can applicate to other surgical fields / orthopedics, traumatology, urology, plastic surgery, neurosurgery, pediatric surgery, anaesthesiology and intensive medicine /.	
Stručná osnova predmetu: Daily participation in the work at the surgical ward, ambulance and operating room under the supervision of the designated doctor. Write daily records of treatment of a patient, perform small surgery / removal of stitches, wound dressing, assisting in simple surgeries	
Odporúčaná literatúra: Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice. Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3 Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4 Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp. ISBN 0-07-112444-6 Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp. ISBN 0838510094	
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language	
Poznámky:	

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 161						
A	ABS0	B	C	D	E	FX
85.71	0.0	13.04	1.24	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ChK1/2- JVL-522-1/5283/00	Názov predmetu: Surginal Propedeutics
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 3 / 2 Za obdobie štúdia: 45 / 30 Metóda štúdia: on-site learning	
Počet kreditov: 6	
Odporúčaný semester/trimester štúdia: 5.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Note: to get credit: presence on lecture (80 %) - (3 lecture can be absent); presence on practical seminars (80 %) - (3 practical seminars can be absent); pass the test (more than 60 %); credit from winter semester you will get at the day of oral exam – exam from surgical propedeutic is combination of practical and oral exam; practical exam: starts at 7:00am one day before oral exam; include – taking history, physical examination of the patient, writing of case record, bandage and indication of diagnosis. Continuous assessment of students takes the form of a written examination-test, minimum threshold of success: 60 %. Evaluation: A: 95–100 %, B: 85–90 %, C: 75–80 %, D: 65–70 %, E: 60 %, FX: less than 60 % Final assessment: test, practical and theoretical exam.	
Výsledky vzdelávania: Student is familiar with the contents in the field of surgery, ranging from historical aspects to present. Knows the basic surgical techniques and procedures respecting the principles of asepsis and antisepsis. Knows the principles of indications for surgical treatment, can determine operational risk and specify the principles of preoperative, intraoperative and postoperative care. Is familiar with the principles of diagnosis and treatment of locomotor system injuries, burns, frostbite. Is familiar with the principles of diagnosis and treatment of surgical infection. Is familiar with the principles of diagnosis and surgical treatment of malignant disease. Know the basic issue of minimally invasive surgery and transplantation.	
Stručná osnova predmetu: History of Surgery (breakthrough period, important personalities in surgery). Division of surgery and principles of surgical treatment, indications for surgical treatment. Basic surgical techniques and procedures. Minimally invasive surgery. Asepsis, antisepsis, sterilization, disinfection. History and physical examination of the surgical patient. Invasive and non-invasive diagnostic methods in the investigation of the surgical patient. Operational risk. Principles of preoperative preparation. Reaction of the organism to injuries and surgical trauma. Changes in the homeostasis of	

the organism after injury and surgery. Post-operative care and post-operative complications - (CNS, cardiovascular, pulmonary, renal, GI, wound et al.). Shock - definition, classification, and pathophysiology of shock. Monitoring. Prevention and treatment of shock. Nutritional disorders in surgical patients. Enteral and parenteral nutrition. Complications of parenteral nutrition. Hemostatic mechanism and its failure in surgical patients. Antiplatelet, anticoagulant and fibrinolytic therapy. Blood transfusion, blood derivatives, alternative solutions. Indications, risks and complications of blood transfusions and blood products. Infections in surgery - surgical sources of infection. Nosocomial infections. Bacteremia, sepsis, SIRS, multiorgan failure in sepsis. Factors affecting the occurrence and course of infection. Prevention, diagnosis and treatment of surgical infections. Chemotherapy and antibiotic treatment, the principle of prophylactic and therapeutic administration of antibiotics. Bacteriological monitoring. Pyogenic infections of wounds, lymphangitis, lymphadenitis, hidradenitis, cellulitis, abscess, osteomyelitis, anaerobic infection, gas phlegmon, folliculitis, furuncle, carbuncle, cheilitis. Post-operative infections. Inflammatory diseases of the fingers and hand. Growth and spread of malignant tumors, diagnosis, treatment, primary and secondary prevention of tumors. Basics of the oncological surgery. Classification of tumors. Ethical problems in surgery, legal aspects in surgery, surgical assessment activities. Blood transfusion, blood derivatives, alternative solutions. Indications, risks and complications of administration transfusion and blood derivatives. Infections in surgery - surgical sources of infection. Nosocomial infections. Bacteremia, sepsis, SIRS, multiorgan failure in sepsis. Factors affecting the occurrence and course of infection. Prevention, diagnosis and treatment of surgical infections. Chemotherapy and antibiotic treatment, the principle of prophylactic and therapeutic administration of antibiotics. Bacteriological monitoring. Pyogenic wound infections, lymphangitis, lymphadenitis, hidradenitis, cellulitis, abscess, osteomyelitis, anaerobic infection, gas cellulitis, folliculitis, furuncle, carbuncle, cheilitis. Post-operative infections. Inflammatory diseases of the fingers and hand. Growth and spread of malignant tumors, diagnosis, treatment, primary and secondary prevention of tumors. Basics of the oncological surgery. Classification of tumors. Transplantation and donor program, immunological aspects. Ethical problems in surgery, legal aspects in surgery.

Odporúčaná literatúra:

Sabiston, D.C., Textbook of Surgery, 1997

Liechty, D., Soper, R.T., Fundamentals of Surgery, 1989

Way, L.W., Current Surgical Diagnosis and Treatment, 2002

Skinner, H.B., Current Diagnosis and Treatment in Orthopedics, 1995

Sabiston, D.C.: Textbook of Surgery. The biological Basic of Modern Surgical Practice.

Philadelphia: W.B. Saunders Comp. 1997, 2318 pp. ISBN 0-7216-5887-3

Liechty, D., Soper, R.T.: Fundamental of Surgery. Philadelphia: C.V.Mosby Comp., 1989, 646 pp. ISBN 0-8016-2962-4

Way, L.W.: Current Surgical Diagnosis and Treatment. New York: Lange Medical Books, 2003. 1468 pp.

ISBN 0-07-112444-6

Skinner, H.B.: Current Diagnosis and Treatment in Orthopedics. Norwalk: Appleton and Lange, 1995. 645 pp.

ISBN 0838510094

Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:

english language

Poznámky:

Hodnotenie predmetov						
Celkový počet hodnotených študentov: 610						
A	ABS0	B	C	D	E	FX
45.25	0.0	23.28	18.69	7.21	4.92	0.66
Vyučujúci: prof. MUDr. Ľudovít Laca, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ/2- JVL-589-1/4C45/00	Názov predmetu: Tropical Medicine and Epidemiology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 / 1 Za obdobie štúdia: 15 / 15 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: • Active attendance at the practicals: 3 points for each session (max. 24 points) • Compilation of health-travel characteristics of a country of student's choice situated in Africa, Asia or Latin America (max. 36 points) The characteristics in extend of 1-2 pages should contain items as follows: - o general characteristics of the country (climate, cultural, economic and political characteristics) - o specific health-related risks - o recommended and required vaccinations - o malaria (risk, possibly areas under risk and seasons, effective chemoprophylaxis) - o other health-related risks • Written test: 20 questions – 2 points each (max. 40 points) Final evaluation (max. 100 points): Achieved points in total Final evaluation 100 – 91 A (1) 90 – 81 B (1.5) 80 – 73 C (2) 72 – 66 D (2.5) 65 – 60 E (3) 59 and less Fx (4)	
Výsledky vzdelávania: After completion of the subject the student understands of tropical medicine, specific features of epidemiology and management of communicable and non-communicable diseases in conditions of tropical and subtropical zones, health aspects of travelling	
Stručná osnova predmetu: Definitions of terms and classification Specific features of epidemiology and management of communicable and non-communicable diseases in tropical and subtropical zones Intestinal infections in the tropics and subtropics Respiratory infections (airborne infections) in the tropics and subtropics	

Skin and external mucosae diseases in the tropics and subtropics Blood infections in the tropics and subtropics The most important parasitic diseases and tropic and subtropical zones Health disorders caused by heat and sun radiation Nutrition associated diseases in developing countries Essentials of travel medicine – vaccination of travellers, recommendations and counselling, topical information resources, international regulations (International Health Regulations - IHR).						
Odporúčaná literatúra: OBLIGATORY LITERATURE: https://moodle.uniba.sk/moodle/moodle13/course/index.php?categoryid=13 CDC: Traveller's health. http://wwwn.cdc.gov/travel/default.aspx WHO: International Travel and Health 2013. http://www.who.int/ith/en/ RECOMMENDED LITERATURE: WHO: Tropical diseases. http://www.who.int/topics/tropical_diseases/en/						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english language						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 33						
A	ABS0	B	C	D	E	FX
57.58	0.0	15.15	18.18	6.06	3.03	0.0
Vyučujúci: doc. MUDr. Tibor Baška, PhD.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.UK/2- JVL-578/11		Názov predmetu: Urology				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2,5 Za obdobie štúdia: 37,5 Metóda štúdia: on-site learning						
Počet kreditov: 2						
Odporúčaný semester/trimester štúdia: 9.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu: Examination of urological patient, symptoms of urogenital disorders, urine sampling and analysis Instrumentation in urology, acute urinary retention, basic andrology (infertility, erectile dysfunction, sperm bank) Radiological, ultrasonographic and radionuclide examination in urology. Basic urodynamic investigation. Differential diagnosis of hematuria Differential diagnosis of urological disorders. Emergency in urology. Treatment of urinary tract infection. Cadaverous program, hemodialysis and kidney transplantation						
Odporúčaná literatúra: Smith's General Urology Autors: Emil A. Tanagho, Jack W. McAninch 17th Edition Publisher: McGraw-Hill Professional Number Of Pages: 768 Publication Date: 2007-11-21 ISBN-10 / ASIN: 0071457372 ISBN-13 / EAN: 9780071457378						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 295						
A	ABS0	B	C	D	E	FX
77.63	0.0	21.02	1.36	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Ján Kliment, CSc.						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava	
Fakulta: Jessenius Faculty of Medicine in Martin	
Kód predmetu: JLF.ÚVZ/2- JVL-610/13	Názov predmetu: Vaccinology
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals / lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: ,5 / ,5 Za obdobie štúdia: 7,5 / 7,5 Metóda štúdia: on-site learning	
Počet kreditov: 1	
Odporúčaný semester/trimester štúdia: 10.	
Stupeň štúdia: I.II.	
Podmieňujúce predmety:	
Podmienky na absolvovanie predmetu: Requirements to successfully complete the course: To compete the course, three basic conditions should be fulfilled: 1. active attendance in seminars: compulsory attendance in seminars – in case of absence, the student should substitute the missing seminars through consultation with the respective teacher 7x4 (28 points) 2. well arranged preparation of the 1st theme in a form of an essay (max. 36 points) until mid of the semester 3. well arranged preparation of the 2nd theme in a form of an essay (max. 36 points) until end of the semester Final evaluation (max. 100 points): Achieved points in total Final evaluation 100 – 91 A (1) 90 – 81 B (1.5) 80 – 73 C (2) 72 – 66 D (2.5) 65 – 60 E (3) 59 and less Fx (4) At least 60 points in total evaluation are needed to compete the course..	
Výsledky vzdelávania: To understand basic principles of prevention by vaccination, the action of vaccines for individuals on collective immunity, public health significance of vaccination strategies and their implication in the society.	
Stručná osnova predmetu: Vaccination is one of the most important preventive public health strategies which significantly influence epidemiologic situation. To understand the basic principle of immunisation, to manage good practice a techniques, control mechanisms, management of vaccination and the vaccines together with legislative support in Slovakia are the principal matters which must a student of master programme in public health acquire. The position of immunisation in the framework of National	

Immunisation Programme of the Slovak Republic, the role of WHO and ECDC, as well as the new trends in vaccinology will fill up a complex image about the modern trends in vaccination.						
Odporúčaná literatúra: OBLIGATORY LITERATURE: Hudečková, H., Švihrová, V.: Očkovanie. Martin, Osveta, 2013, 221 s. ISBN 978-80-80633-96-7 World Health Organization www.who.int http://www.ecdc.europa.eu RECOMMENDED LITERATURE: PLOTKIN, S.A. Vaccine Fact Book 2013. Washington: PhRMA, September 2013. 102 p. dostupné na internete: http://www.phrma.org/sites/default/files/pdf/PhRMA_Vaccine_FactBook_2013.pdf CDC. Epidemiology and Prevention of Vaccine-Preventable Diseases. The Pink Book. http://www.cdc.gov/nip/publications/pink/ Centers for Disease Control and Prevention http://www.cdc.gov/						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu: english						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 6						
A	ABS0	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Dátum poslednej zmeny: 22.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚVZ/2- JVL-592/15		Názov predmetu: Vedecká príprava				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: lecture Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 2						
Odporúčaný semester/trimester štúdia: 6.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: doc. MUDr. Tibor Baška, PhD.						
Dátum poslednej zmeny: 28.07.2015						
Schválil:						

INFORMAČNÝ LIST PREDMETU

Vysoká škola: Comenius University in Bratislava						
Fakulta: Jessenius Faculty of Medicine in Martin						
Kód predmetu: JLF.ÚTV/J-S-VL-TV5/15		Názov predmetu: Winter Practice in Physical Education				
Druh, rozsah a metóda vzdelávacích činností: Forma výučby: practicals Odporúčaný rozsah výučby (v hodinách): Týždenný: 2 Za obdobie štúdia: 30 Metóda štúdia: on-site learning						
Počet kreditov: 1						
Odporúčaný semester/trimester štúdia: 1.						
Stupeň štúdia: I.II.						
Podmieňujúce predmety:						
Podmienky na absolvovanie predmetu:						
Výsledky vzdelávania:						
Stručná osnova predmetu:						
Odporúčaná literatúra:						
Jazyk, ktorého znalosť je potrebná na absolvovanie predmetu:						
Poznámky:						
Hodnotenie predmetov Celkový počet hodnotených študentov: 0						
A	ABS0	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vyučujúci: PaedDr. Jozef Šimeček						
Dátum poslednej zmeny: 27.07.2015						
Schválil:						