

# Course descriptions

## TABLE OF CONTENTS

1. J-1-VZ-002/15	Anatomy and Physiology.....	3
2. J-1-VZ-039/16	Basics of Clinical Medicine (1).....	5
3. J-1-VZ-040/16	Basics of Clinical Medicine (2).....	7
4. J-1-VZ-061/16	Basics of Economics (1).....	9
5. J-1-VZ-063/16	Basics of Economics (2).....	11
6. J-1-VZ-059/15	Basics of Health Policy.....	13
7. J-1-VZ-057/15	Basics of Informatics and Computer Skills.....	15
8. J-1-VZ-064/17	Basics of Management.....	17
9. J-1-VZ-058/15	Basics of Prevention.....	19
10. J-1-VZ-050/17	Basics of Scientific Research Work.....	21
11. J-1-VZ-067/18	Biochemistry.....	23
12. J-1-VZ-068/18	Biophysics and Radiology.....	25
13. J-1-VZ-015/16	Biostatistics.....	27
14. J-1-VZ-SS1/17	Defence of Bachelor Thesis ( <b>state exam</b> ).....	29
15. J-1-VZ-044/17	Disaster Medicine.....	32
16. J-1-VZ-023/16	Environmental Hygiene (1).....	34
17. J-1-VZ-024/16	Environmental Hygiene (2).....	36
18. J-1-VZ-021/16	Epidemiology of Infectious Diseases (1).....	38
19. J-1-VZ-022/16	Epidemiology of Infectious Diseases (2).....	40
20. J-1-VZ-041/17	Epidemiology of Non-Infectious Diseases.....	42
21. J-1-VZ-007/16	First Aid.....	45
22. J-1-VZ-CJ1/15	Foreign Language (1).....	47
23. J-1-VZ-CJ2/15	Foreign Language (2).....	50
24. J-1-VZ-CJ3/16	Foreign Language (3).....	52
25. J-1-VZ-048/16	Health Education.....	54
26. J-1-VZ-052/17	Health Protection Against Ionizing Radiation.....	56
27. J-1-VZ-031/16	Hospital Hygiene.....	58
28. J-1-VZ-016/15	Human Ecology.....	60
29. J-1-VZ-042/17	Hygiene of Children and Adolescents (1).....	62
30. J-1-VZ-051/17	Hygiene of Children and Adolescents (2).....	64
31. J-1-VZ-009/15	Introduction into the Public Health.....	66
32. J-1-VZ-060/15	Law and Legislation in Healthcare.....	68
33. J-1-VZ-001/15	Medical Biology.....	70
34. J-1-VZ-013/15	Medical Terminology.....	72
35. J-1-VZ-034/16	Methodology in Epidemiology and Hygiene.....	74
36. J-1-VZ-008/15	Microbiology (1).....	76
37. J-1-VZ-020/16	Microbiology (2).....	78
38. J-1-VZ-018/15	Nursing Techniques (1).....	80
39. J-1-VZ-019/15	Nursing Techniques (2).....	82
40. J-1-VZ-025/16	Nutrition and Hygiene (1).....	84
41. J-1-VZ-026/16	Nutrition and Hygiene (2).....	86
42. J-1-VZ-065/17	Nutrition in Prevention of Diseases.....	88
43. J-1-VZ-045/17	Objectification of Environmental Factors.....	90
44. J-1-VZ-006/15	Pathological Anatomy and Pathological Physiology.....	92
45. J-1-VZ-037/16	Pharmacology.....	94
46. J-1-VZ-TV1/15	Physical Education (1).....	96
47. J-1-VZ-TV2/15	Physical Education (2).....	97

48. J-1-VZ-055/17	Population Health and Demography.....	98
49. J-1-VZ-053/19	Practice in Hygiene and Epidemiology.....	100
50. J-1-VZ-028/16	Preventive Occupational Medicine (1).....	102
51. J-1-VZ-046/17	Preventive Occupational Medicine (2).....	104
52. J-1-VZ-012/15	Professional Ethics.....	106
53. J-1-VZ-010/15	Psychology and Basics of Communication I. (1).....	108
54. J-1-VZ-011/15	Psychology and Basics of Communication I. (2).....	110
55. J-1-VZ-SS2/17	Public Health (1) ( <b>state exam</b> ).....	112
56. J-1-VZ-062/16	Public Health Legislation.....	116
57. J-1-VZ-056/17	Research in Public Health I.....	118
58. J-1-VZ-030/16	Social Medicine (1).....	120
59. J-1-VZ-047/17	Social Medicine (2).....	122
60. J-1-VZ-033/16	Social Psychology.....	124
61. J-1-VZ-066/17	State Health Supervision.....	126
62. J-1-VZ-017/15	Summer Practice (1).....	128
63. J-1-VZ-038/16	Summer Practice (2).....	130

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚA/J-1-VZ-002/15	<b>Course title:</b> Anatomy and Physiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 4 <b>per level/semester:</b> 28 / 56 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100% participation in practicals, at least 60% success rate on written tests (subjects – anatomy, physiology, histology). Mark: A: 95–100 %, B: 88–94 %, C: 77–87 %, D: 66–76 %, E: 60–65 %, FX: 59 % and less. Scale of assessment (preliminary/final): 5/95	
<b>Learning outcomes:</b> The graduate of Anatomy understand principles of human body, its parts and organs construction up to such details, that the gathered knowledge is permanent and becomes a base for understanding of physiological and pathological processes and changes. His knowledge should enable him to be an adequate partner for physicians in the process of health care. PHYSIOLOGY: The Physiology aim is to acquire basic knowledge about physiological functions of the human organs and systems, and about the relations between physiological systems. The emphasis is on the physiological mechanisms understanding in complex form for clinical practice. Practical application of knowledge from Physiology extends skills of the student (e.g. blood taking, blood analysis), which is necessary for understanding of human physiology and direct clinical application. Histology: After completion of the subject, the student understands routine work with light microscope and is able to orientate in basic staining methods. Students understand histological terminology. Based on theoretical knowledge, student is able to identify microscopically main human tissues including and organs.	
<b>Class syllabus:</b> Anatomy: Heart. Arterial and venous system, blood circulation. Respiratory system. Digestive system. Urinary system. The male reproductive system. Female reproductive system. Lymphatic system. Central nervous system. Spinal cord. Spinal nerves. Oblongata, pons, midbrain. Cranial nerves. Diencephalon. Sensory pathways. Basal ganglia. Motor pathways - pyramidal, extrapyramidal tracts. Visual organ. The organ of hearing. Autonomic nervous system. Vertebrae. Skull. Respiratory system. Heart. Urogenital system. Nervous system - hemispheres. Skeleton of upper and lower limbs. Muscular system - muscles of the head, neck, trunk and extremities.	

Fyziology: Physiology of blood (erythrocytes, leukocytes, trombocytes, haemocoagulation, blood groups, blood transfusion, basic blood examinations). Physiology of cardiovascular system (Physiology of the heart and vessels, basic clinical methods). Physiology of respiratory system (ventilation, mechanics of breathing, artificial ventilation, basic clinical methods). Physiology of gastrointestinal tract, metabolism and nutrition. Physiology of kidneys. Physiology of muscles. Thermoregulation. Physiology of nervous system, reflexes, pain, sleep, memory. Physiology of sensory organs, examination methods. Physiology of endocrine system.

Histology:

- Epithelial tissue, connective tissue, blood. Bone, muscle tissue, nervous system. Digestive system. Cardiovascular system. Respiratory system. Urinary system. Male and female reproductive system. Skin, eye, ear.

#### **Recommended literature:**

ANATÓMIA:

Mellová Y. a kol.: Anatómia človeka pre nelekárske študijné programy. Martin: Osveta, 2018. 184s

FYZIOLÓGIA:

Čalkovská A a kol.: Fyziológia človeka pre nelekárske študijné programy. 2. upravené vydanie. Martin: Osveta 2017, 220 s. ISBN: 978-80-8063-455-1. In Slovak language

Javorka K a kol.: Lekárska fyziológia: 1. a 2. diel. 5. prepracované a doplnené vydanie. Martin: Osveta, 2021, 791s. ISBN: 978-80-8063-978-80-8063-496-4. In Slovak language

Čalkovská A a kol.: Návod k praktickým cvičeniam z fyziológie. Bratislava: UK, 2020, 153 s. 5. vydanie ISBN: 978-80-223-4983-3. In Slovak language

HISTOLÓGIA:

Belej K.: Histológia. UK Bratislava. 2005. ISBN 80-223-2100-1

#### **Languages necessary to complete the course:**

Slovak language

#### **Notes:**

#### **Past grade distribution**

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
7,14	0,0	21,43	16,07	23,21	30,36	1,79

**Lecturers:** doc. MUDr. Yveta Mellová, CSc., RNDr. Magdaléna Marčeková, PhD., prof. MUDr. Andrea Čalkovská, DrSc., prof. MUDr. Ingrid Tonhajzerová, PhD., prof. MUDr. Marian Adamkov, DrSc., doc. MUDr. Soňa Báľentová, PhD., Ing. Veronika Cígerová, PhD., RNDr. Mária Kovalská, PhD., RNDr. Veronika Mešťanová, PhD., MUDr. Eva Ochodnická, CSc., Ing. Zuzana Višňovcová, PhD.

**Last change:** 17.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-039/16	<b>Course title:</b> Basics of Clinical Medicine (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 42 points b) Processing of medical history max. 20 points c) Continuous tests (2 x 5 questions) d) Final test (19 questions per 2 points) max. 20 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student is able to apply basic examination procedures in clinical practice, is able to take a patient's history and to assess subjective signs of diseases. He/she understands basic principles of physical examination and endoscopic, imaging and auxiliary diagnostic methods.	
<b>Class syllabus:</b>	

**Recommended literature:**

Obligatory literature:

Švihrová V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6

Švihrová V., Buchancová J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9

Recommended literature:

Kaščák M. Klinická propedeutika. Martin: Osveta, 2005, 90 s. ISBN 80-8063-215-4

Zeman M. Chirurgická propedeutika. Praha: Grada, 2006, 524 s. ISBN 80-7169-705-2 (vybrané časti)

**Languages necessary to complete the course:**

slovak, czech

**Notes:****Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
88,89	0,0	5,56	2,78	2,78	0,0	0,0

**Lecturers:** prof. MUDr. Viera Švihrová, CSc., Mgr. Eva Malobická, PhD., prof. MUDr. Janka Buchancová, CSc.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-040/16	<b>Course title:</b> Basics of Clinical Medicine (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-039/16 - Basics of Clinical Medicine (1)	
<b>Course requirements:</b> Evaluation a) 100% lecture attendance b) 100% attendance of practicals (2 points for each session! max. 28 points) c) PowerPoint presentation (12 point for presentation) max. 12 points d) Final oral exam (including 10-question test which will be written on the same day) max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed.. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands aetiology and pathogenesis of the most frequent diseases in individual organ systems. He/she is able to identify basic subjective signs and disease symptoms. He/she understands possibilities of prevention, focusing on primary prevention.	
<b>Class syllabus:</b> Skin, diseases, diagnostic tools, prevention. Diseases of a cardiovascular system, diseases of a respiratory system, oncologic diseases, diseases of locomotors organs and a nervous system, diseases of a urinary system, diseases of an endocrine system, diseases of female genitals, diseases of a gastrointestinal tract, skin and skin adnexa diseases - examples, possible diagnostic tools, prevention.	

**Recommended literature:**

Obligatory literature:

Švihrová V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6

Švihrová V., Buchancová J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9

Recommended literature:

Zeman M. Chirurgická propedeutika. Praha: Grada, 2006, 524 s. ISBN80-7169-705-2 (vybrané časti)

Kaščák M. Klinická propedeutika. Martin: Osveta, 2005, 90 s. ISBN 80-8063-215-4

**Languages necessary to complete the course:**

slovak, czech

**Notes:****Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
77,78	0,0	16,67	5,56	0,0	0,0	0,0

**Lecturers:** prof. MUDr. Viera Švihrová, CSc., prof. MUDr. Janka Buchancová, CSc.

**Last change:** 07.04.2022

**Approved by:**



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-061/16	<b>Course title:</b> Basics of Economics (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> -	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points c) PowerPoint presentation max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After the completion of the subject, the student understands basic knowledge on economics. He/she understands basic economy principles and mechanisms of market economy and is able to apply these in health practice.	
<b>Class syllabus:</b>	

Economy- definitions and basic terms. Macroeconomy and microeconomy. Economic role of the government. Governmental interventions into economy. Gross domestic product and gross national product. Monetary and credit policy. Budgetary policy. Pension policy. Fiscal policy. Fiscal policy as a tool of governmental policy. State debt. Inflation. Market mechanism and its effect. Alternative economic systems. Productions factors and their markets. Business, entrepreneurship – aims, economic independence, legal subjectivity, business register, forms of businesses. Unemployment. Organization-legal aspect of businesses in the Slovak Republic. International economic integration.						
<b>Recommended literature:</b> Obligatory literature: LISÝ, J. a kol. Základy ekonómie a ekonomiky. Bratislava: EKONÓM, 2015. 200 s. ISBN 978-80-225-4053-7. Recommended literature: LISÝ, J. a kol. Ekonómia. Bratislava: IURA EDITION, 2011. 634 s. ISBN 9788080784065. ŠLOSÁR, R. a kol. Základy ekonómie a ekonomiky. Bratislava: Ekonóm, 2006. 84 s. ISBN 80-10009-20-2. Materiály UVZ SR a MZ SR. Dostupné na: <a href="http://www.uvzsr.sk">www.uvzsr.sk</a> ; <a href="http://www.health.gov.sk">www.health.gov.sk</a>						
<b>Languages necessary to complete the course:</b> slovak						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 37						
A	ABS0	B	C	D	E	FX
64,86	0,0	29,73	0,0	0,0	2,7	2,7
<b>Lecturers:</b> doc. Ing. Viera Jakušová, PhD., MPH						
<b>Last change:</b> 16.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-063/16	<b>Course title:</b> Basics of Economics (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-061/16 - Basics of Economics (1)	
<b>Course requirements:</b> Evaluation: a) 100% attendance (2 points for each session) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points c) PowerPoint presentation max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the course, the student understands basic economic principles and mechanisms of market economy.	
<b>Class syllabus:</b> Theoretical background of economy. European Union. International economic integration. Unemployment and its forms. Inflation. Currency and monetary market. Bank system. Taxation system. Economic aspects of enterprise. Information on financial situation of the organization. Financial analysis of an organization.	

**Recommended literature:**

Obligatory literature:

LISÝ, J. a kol. Základy ekonómie a ekonomiky. Bratislava: EKONÓM, 2015. 200 s. ISBN 978-80-225-4053-7.

Recommended literature:

LISÝ, J. a kol. Ekonómia. Bratislava: IURA EDITION, 2011. 634 s. ISBN 9788080784065.

ŠLOSÁR, R. a kol. Základy ekonómie a ekonomiky. Bratislava: Ekonóm, 2006. 84 s. ISBN 80-10009-20-2.

**Languages necessary to complete the course:**

slovak

**Notes:****Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
66,67	0,0	25,0	5,56	2,78	0,0	0,0

**Lecturers:** doc. Ing. Viera Jakušová, PhD., MPH

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-059/15	<b>Course title:</b> Basics of Health Policy
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Evaluation Attendance at the seminars is obligatory. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) a) 100% attendance (4 points for each session) max. 28 points b) Continuous test (20 questions per 1 point) max. 40 points c) PPT presentation on chosen topic, cca 10-15 minutes max. 32 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After the completion of the subject, the student understands essentials of health and healthcare policy. He/she is able to apply these in studying and processing of model situations.	
<b>Class syllabus:</b> Introduction of the subject – general policy, health policy, health care policy Health policy in Europe and Slovakia Health care reform in the Slovak Republic	
<b>Recommended literature:</b> Obligatory literature:	

ONDRUŠ, P. Svetové zdravotnícké systémy v čase globalizácie. P+M, Turany, 2014. 320 s. ISBN 978-80-89057-47-4  
 Ozorovský V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686  
[www.health.gov.sk](http://www.health.gov.sk), [www.uvzsr.sk](http://www.uvzsr.sk)  
 Recommended literature:  
 Rovný, I. a kol: Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3

**Languages necessary to complete the course:**

slovak

**Notes:**

**Past grade distribution**

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
92,73	0,0	5,45	0,0	0,0	1,82	0,0

**Lecturers:** prof. MUDr. Viera Švihrová, CSc.

**Last change:** 11.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-057/15	<b>Course title:</b> Basics of Informatics and Computer Skills
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Evaluation a) 100% attendance (4 points for each session) max. 28 points b) knowledge verification – processing of model situation in Excel max. 38 points c) presentation – PowerPoint max. 14 points d) seminar work – Word max. 20 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) **checked practical outcomes Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student is able to apply basic knowledge on informatics and computer skills	
<b>Class syllabus:</b> Essentials of works with MS Word, MS Excel, MS Power Point, EPI INFO 7	
<b>Recommended literature:</b> Obligatory literature:	

Epi Info User Guide - <a href="https://www.cdc.gov/epiinfo/support/userguide.html">https://www.cdc.gov/epiinfo/support/userguide.html</a> Príručky so stručným návodom pre Office - <a href="https://support.office.com/sk-sk/article/pr%C3%ADru%C4%8Dky-so-stru%C4%8Dn%C3%BDm-n%C3%A1vodom-pre-office-25f909da-3e76-443d-94f4-6cdf7dedc51e">https://support.office.com/sk-sk/article/pr%C3%ADru%C4%8Dky-so-stru%C4%8Dn%C3%BDm-n%C3%A1vodom-pre-office-25f909da-3e76-443d-94f4-6cdf7dedc51e</a> Recommended literature: K. Pířková: Microsoft Word 2010, Computer Press, Praha 2011 J. Pecinovský: Excel a Access 2010, Grada Publishing, Praha 2011 J. Andrýsková: Powerpoint 2010, Computer Press, Praha 2010						
<b>Languages necessary to complete the course:</b> slovak, czech, english						
<b>Notes:</b> slovak,czech, english						
<b>Past grade distribution</b> Total number of evaluated students: 56						
A	ABS0	B	C	D	E	FX
89,29	0,0	10,71	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Jana Zibolenová, PhD.						
<b>Last change:</b> 11.03.2022						
<b>Approved by:</b>						



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-064/17	<b>Course title:</b> Basics of Management
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-063/16 - Basics of Economics (2)	
<b>Course requirements:</b> Evaluation: a) 100% attendance (2 points for each session) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points c) PowerPoint presentation max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. . Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands basic principles of management in health organization, strategy, system and structure of health care provision. He/she understands problems of state health service, system of health care provision, health care facilities, health workers, professional organizations from managerial aspects. The student is able to apply his/her knowledge in practice to find solutions and to suggest improvements of management.	
<b>Class syllabus:</b> Basic definitions, contents and categories of management. Basic styles of management and approaches to effectively guide persons in health sector, supervision. Personality of a manager in	

health sector. Roles of a manager in healthcare facilities. Healthcare services. Managerial functions. Planning. Organizing and organization structure.						
<b>Recommended literature:</b> Obligatory literature: JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016, 156 s. ISBN 978-80-8063-447-6. JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063-347-9. Materiály UVZ SR a MZ SR. Dostupné na Internet: <a href="http://www.uvzs.sk">www.uvzs.sk</a> ; <a href="http://www.health.gov.sk">www.health.gov.sk</a> Recommended literature: ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. Vybrané kapitoly zo zdravotníckeho manažmentu. 1. vyd. Prešov: Vydavateľstvo Prešovskej univerzity, 2017. 164 s. ISBN 978-80-555-1823-7.						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
66,67	0,0	18,52	11,11	3,7	0,0	0,0
<b>Lecturers:</b> doc. Ing. Viera Jakušová, PhD., MPH						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-058/15	<b>Course title:</b> Basics of Prevention
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Evaluation a) 100% attendance (4 points for each session) max. 28 points b) continuous test (18 questions per 2 points) max. 36 points c) final test (18 questions per 2 points) max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) **checked practical outcomes Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After the completion of the subject, the student understands problem of global burden of diseases, basic forms of prevention in public health and health care providing. He/she is able to analyze factors influencing health, health promotion in various age groups of the population. He/she understands problems of population based programs of prevention and health promotion.	
<b>Class syllabus:</b> Prevention – primordial, primary, secondary, tertiary. Distribution of health and illness in the population. Global burden of diseases. Complex architecture of health. Factors influencing health of	

the population. Health promotion and prevention in various age groups. Population based programs of prevention and health promotion. Factors influencing preventive strategy.						
<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Materiály UVZ SR Recommended literature: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 56						
A	ABS0	B	C	D	E	FX
87,5	0,0	12,5	0,0	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Viera Švihrová, CSc., Mgr. Romana Ulbrichtová, PhD.						
<b>Last change:</b> 11.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-050/17	<b>Course title:</b> Basics of Scientific Research Work
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-034/16 - Methodology in Epidemiology and Hygiene and JLF.ÚVZ/J-1-VZ-057/15 - Basics of Informatics and Computer Skills	
<b>Course requirements:</b> Evaluation a) 100% attendance at practicals (2 points for each session) max. 28 points Until 7th week: b) Development of the outline and annotation of the bachelor's thesis together with the list of basic literature resources, based on the given instructions max. 35 points From 8th week to the end of the semester: c) Development of an electronic bibliographic search of specialized literary sources on the selected topic within the bachelor's thesis of a given student, based on given instructions max. 37 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student is able to solve tasks related to retrieve and to process scientific information using modern information technologies. He/she is able to apply epidemiological methods of work to critically appraise scientific information. He/she is able to	

solve task related to prepare technical reports keeping formal aspects and content at a bachelor's degree level.

**Class syllabus:**

Science and scientific work – definitions and characteristics, basic and applied research, practical implementation of research findings. Types and sources of scientific information. Structure of a research paper. Literary search and information retrieval. Using of internet Development of reviews - their content and formal structure. Development of outline of the final thesis – planning of an appropriate structure, dividing into sections and its extent. Development of a review using synthesis of retrieved information. Appropriate presentation of works.

**Recommended literature:**

Obligatory literature:

<https://moodle.uniba.sk/>

Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: [www.scopus.com](http://www.scopus.com)

ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

LIČNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul. Dostupné na: [http://stella.uniba.sk/texty/LL\\_pisanie\\_obhajoba\\_zaverecne\\_prace.pdf](http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf)

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

**Languages necessary to complete the course:**

**Notes:**

**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
96,3	0,0	3,7	0,0	0,0	0,0	0,0

**Lecturers:** prof. MUDr. Tibor Baška, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBch/J-1-VZ-067/18	<b>Course title:</b> Biochemistry
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Assessment of students is in the form of an exam, minimum success rate: 60%. Rating: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, FX: 59% and less	
<b>Learning outcomes:</b> At the end of the course the student obtains basic information about the course of processes in metabolism of substances not only in a healthy human organism but also in the body of patients, understanding the nature and mechanisms of changes, understanding biochemical parameters coming from clinical-biochemical laboratories	
<b>Class syllabus:</b> Organization and chemical composition of organisms - cell structure, chemical composition of cell - organic, inorganic substances, enzymes and coenzymes). Intermediate metabolism - characteristics of metabolic processes, basics of bioenergetics. biological oxidation, metabolism of carbohydrates, lipids, amino acids, nucleotides, tetrapyrroles. Genetic information - replication, transcription, translation. Basics of metabolic regulation Biochemistry of the gastrointestinal tract - oral cavity, stomach, pancreas, bile, small intestine, large intestine. Liver biochemistry. Kidney biochemistry. Biochemistry of the nervous system - structure, metabolism, principles of nerve transmission, vegetative nervous system. Biochemistry of the endocrine system acid-base balance Blood plasma proteins Preparation of biological material for biochemical examination. Biochemical composition of living systems and its importance for metabolism and clinical-biochemical diagnostics. Possibilities of determination of analytes, pH and minerals in biological fluids (blood, urine, cerebrospinal fluid ...) Glucose testing. Diabetes mellitus and its laboratory diagnostics, glycosylated hemoglobin, ketone bodies. Examination of lipid profile. Atherosclerosis and its laboratory diagnostics.	

Examination of protein and non-protein nitrogenous substances. Urine examination for the presence of physiological and pathological components (glucose, proteins, ketone bodies, urobilinogen). Jaundice and its laboratory diagnostics Examination of minerals and acid-base balance parameters. Enzymes in clinical-biochemical diagnostics						
<b>Recommended literature:</b> V. Turecký, V. Rendeková, A. Czirfusz: Lekárska biochémia pre poslucháčov nelekárskych smerov. Asklepion Bratislava, 2008. 86 s (skriptá) Ivan Pecháň, Gustáv Kováč: Prehľad biochémie človeka II. VEDA Bratislava 2003, 197s.						
<b>Languages necessary to complete the course:</b> Slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 43						
A	ABS0	B	C	D	E	FX
4,65	0,0	16,28	23,26	27,91	23,26	4,65
<b>Lecturers:</b> prof. MUDr. Dušan Dobrota, CSc., doc. RNDr. Tatiana Matáková, PhD.						
<b>Last change:</b> 24.03.2022						
<b>Approved by:</b>						



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBf/J-1-VZ-068/18	<b>Course title:</b> Biophysics and Radiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Basic characteristics of the principles of biophysical process in the organism. Biophysical principles of diagnostics methods and therapeutics methods by ionizing and nonionizing radiation in medicine and nursing basic principles of protection counter ionizing radiation (limits, effective dose and personal dosimetry)	
<b>Course requirements:</b> Continuous assessment at practical sessions and seminars, final credit test.	
<b>Learning outcomes:</b> After completion of the subject Medical Biophysics and radiology, 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.	
<b>Class syllabus:</b> -Cell membrane structure and function. Transport mechanisms. Resting membrane potential. -Action potential, origin, spread. Synaptic transmission. -Biophysics of muscle contraction. -Biophysics of respiration. -Biophysics of blood circulation. -Biophysics of sound perception and light signals. -Interaction of mechanical and meteorological factors with living systems. -Properties and biological effects of ionizing and non-ionizing radiation. -Biophysical principles of modern imaging diagnostic and therapeutic methods using ionizing and non-ionizing radiation in medicine and public health.	
<b>Recommended literature:</b>	

<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b>						
Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
9,76	0,0	26,83	43,9	17,07	2,44	0,0
<b>Lecturers:</b> prof. MUDr. Ján Jakuš, DrSc., doc. MUDr. Kamil Zeleňák, PhD., Ing. Jakub Míšek, PhD., prof. RNDr. Ivan Poliaček, PhD., doc. RNDr. Michal Šimera, PhD., Ing. Marcel Veterník, PhD., Mgr. Nadežda Višňovcová, PhD.						
<b>Last change:</b> 15.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-015/16	<b>Course title:</b> Biostatistics
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-057/15 - Basics of Informatics and Computer Skills	
<b>Course requirements:</b> Attendance at the lectures and practicals is obligatory. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) Evaluation a) 100% attendance (1 point for each session) max. 21 points b) continuous test with opened questions max. 9 points c) continuous test with opened questions max. 10 points The teacher can honour active participation of a student by max. 2 points in practicals Exam (test containing 30 questions – 2 points per 1 question ) max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After the completion of the course, the student is able to apply basic knowledge on terms used in statistics, approaches and methods, as well as collecting, analysis and computing of statistical data. He/she is able to apply appropriate statistical methods in analysis and interpretation of data.	
<b>Class syllabus:</b> Statistics from medical aspects, biostatistics – definitions, terminology, data collection, population, population sampling. Descriptive statistics – types of variables, measures of central tendency and	

variation, frequency tables, distribution of values of quantitative variables. Statistical estimation, standard error of mean and confidence intervals. Statistical evaluation of differences, testing of hypotheses, power of a study. Statistical association, correlation and regression. Validity of diagnostic tests. Morbidity, incidence, prevalence and mortality rates. Direct and indirect standardisation. Time series. Data management, contingency tables, graphic displaying of data. Database and table editors, online tools.

**Recommended literature:**

Obligatory literature:

<https://moodle.uniba.sk>

Recommended literature:

WACZULÍKOVÁ I., SLEZÁK P.: Introductory to biostatistics. Bratislava, Comenius University in Bratislava, 2015

RUSNÁK M., RUSNÁKOVÁ V., Majdan M.: Bioštatistika pre študentov verejného zdravotníctva. Trnava: Typi Universitatis Tyrnaviensis, 2010, 216 s.

RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013, 235 s.

MCDONALD, J.: Handbook of Biological Statistics. <http://www.biostathandbook.com/>

**Languages necessary to complete the course:**

slovak, english

**Notes:****Past grade distribution**

Total number of evaluated students: 45

A	ABS0	B	C	D	E	FX
55,56	0,0	31,11	6,67	4,44	2,22	0,0

**Lecturers:** Mgr. Jana Zibolenová, PhD., prof. MUDr. Tibor Baška, PhD.

**Last change:** 07.04.2022

**Approved by:**

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-SS1/17	<b>Course title:</b> Defence of Bachelor Thesis
<b>Number of credits:</b> 4	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-050/17 - Basics of Scientific Research Work	
<p><b>Course requirements:</b></p> <p>Evaluation</p> <p>Conditions for passing of the state exam:</p> <p>Passing of all courses of winter and summer semester of the academic year</p> <p>Submission of the bachelor thesis until the given deadline.</p> <p>Applying for the state exam into AIS 2</p> <p>1 Defence of the bachelor thesis</p> <p>Evaluation involves four parts</p> <p>a) Evaluation of a supervisor/tutor</p> <p>b) Evaluation of an opponent</p> <p>c) Presentation of a thesis</p> <p>d) Discussion</p> <p>Criteria for evaluation of bachelor final theses of supervisors and opponents in Public Health study program:</p> <ul style="list-style-type: none"> <li>• Title of the thesis – consistence with its content as well as consistence of individual chapters with their content</li> <li>• Abstract – informative, clear, understandable</li> <li>• Development of a complex appropriately interpreting technical and scientific knowledge, logical structure of the thesis, mutual interconnection of its chapters, appropriate extent of the chapters</li> <li>• goals of the thesis – clear, understandable, objectively evaluable</li> <li>• conclusions – appropriate and pertinent formulation</li> <li>• literature – appropriate, selection of representative international and domestic literature, currentness of the resources</li> <li>• formal arrangement – neat, clear, correct stylisation and grammar</li> </ul> <p>Final evaluation (max. 100 points)</p> <p>Achieved points Evaluation/grade</p> <p>100 – 91 A (excellent - 1)</p> <p>90 – 81 B (very good – 1.5)</p> <p>80 – 73 C (good - 2)</p> <p>72 – 66 D (satisfactory – 2.5)</p> <p>65 – 60 E (sufficient - 3)</p> <p>59 and less Fx (fail - 4)</p> <p>Scale of assessment (preliminary/final): 100/100</p>	
<p><b>Learning outcomes:</b></p> <p>The student is able to creatively work with technical and scientific information. The bachelor thesis does not need to contain own empiric results, it can compile existing knowledge. In writing of the</p>	

thesis, the student can employ gained theoretical knowledge on evaluation of implemented and planned measures in practice. He/she can propose recommendations for their improvement based on the current scientific knowledge. The student is able to provide his/her own opinion of the dealt problem and to interpret it.
<b>Class syllabus:</b> Work under supervision of the tutor Self-study of the essential literature on the given field Retrieving of existing current scholar information on the given field Development of the text of the thesis Putting together comprehensive bachelor thesis keeping the required form Development of the presentation for the defence of the final bachelor thesis
<b>State exam syllabus:</b> Processing thesis - the student perspective on the issues examined and its interpretation
<b>Recommended literature:</b> Recommended literature: 1. JURKOVIČOVÁ, J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 2. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 3. BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 4. KLEMENT, C. Verejné zdravotníctvo. História, Súčasnosc', Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1 BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7 5. OZOROVSKÝ, V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686 6. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7 7. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s. 8. MULLEROVÁ, D. A kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2 9. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s. 10. ŠVIHROVÁ, V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6 11. ŠVIHROVÁ, V., BUCHANCOVÁ, J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9 12. LEGÁTH, Ľ., BUCHANCOVÁ, J. a kol. Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020, 295 s. ISBN 978-80-8063-493-3 13. OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET 14. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3. 15. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s. 16. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti. www.slov-lex.sk, <a href="http://eur-lex.europa.eu/homepage.html?locale=sk">http://eur-lex.europa.eu/homepage.html?locale=sk</a> 17. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

<p>18. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2</p> <p>19. <a href="https://moodle.uniba.sk/">https://moodle.uniba.sk/</a></p> <p>20. Entrez PubMed (Medline). Dostupné na: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed</a></p> <p>21. SCOPUS. Dostupné na: <a href="http://www.scopus.com">www.scopus.com</a></p> <p>22. ŠTUDOVŇA GOOGLE. Dostupné na: <a href="https://scholar.google.sk/">https://scholar.google.sk/</a></p> <p>23. LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: <a href="http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf">http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf</a></p> <p>24. Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Dostupné na: <a href="https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf">https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf</a></p> <p>25. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorň predpis č. 43/2013). Dostupné na: <a href="http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf">http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf</a></p>
<p><b>Languages necessary to complete the course:</b> slovak, czech, english</p>
<p><b>Last change:</b> 07.04.2022</p>
<p><b>Approved by:</b></p>

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-044/17	<b>Course title:</b> Disaster Medicine
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology and JLF.ÚVZ/J-1-VZ-022/16 - Epidemiology of Infectious Diseases (2) and JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2)	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 point for each session) max. 28 points b) Continuous test (6 questions per 2 points) max. 12 points c) Final test (20 questions per 3 points) max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student significance and management of disasters. He/she understands the legislation of the Slovak Republic related to disaster medicine. He/she is able to apply knowledge in retirement reliable information on the problem and to communicate it with population. He/she understands a role of health care professionals in a community.	
<b>Class syllabus:</b> Classification of disasters and mass accidents. Health care service. Civil defence. Communication during critic situation. Mass accidents in traffic and industry. Epidemiological methods in disaster medicine. Epidemiological emergencies. Pandemic plan. Radiation disasters. Floods, fires,	



earthquakes and volcanic eruptions. Terrorism and bioterrorism. Relevant legislation in Slovakia, international health regulations						
<b>Recommended literature:</b> Obligatory literature: Klement C. a kol. Mimoriadne udalosti vo verejnom zdravotníctve. Banská Bystrica: PRO, 2011, 664 s. ISBN: 978-80-89057-29-0 Recommended literature: Klement C. a kol. Medzinárodné zdravotné predpisy. Banská Bystrica: PRO, 2009. 438 s. ISBN: 978-80-89057-24-5 Klement C., Mezencev, Roman a kol. Biologické zbrane. Bratislava: BONUS, 2008, 380 s. ISBN: 978-80-969733-2-3 <a href="http://www.who.int/topics/">http://www.who.int/topics/</a> <a href="http://www.ecohealth101.org">www.ecohealth101.org</a>						
<b>Languages necessary to complete the course:</b> slovak, english						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
81,48	0,0	7,41	11,11	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD., Ing. Stanislav Kuka, PhD., Mgr. Miroslava Sovičová, PhD., Mgr. Mária Tatarková, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-023/16	<b>Course title:</b> Environmental Hygiene (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-009/15 - Introduction into the Public Health and JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each session) max. 21 points b) Continuous test I. (11 questions per 2 points) max. 22 points c) Continuous test II. (10 questions per 2 points) max. 20 points d) Written knowledge verification. (3 x 2 questions, per 1 point) max. 6 points e) Final test (14 questions per 2 points) max. 28 points f) Model situations max. 3 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.	
<b>Class syllabus:</b> Aims, tasks and activities of Environmental Hygiene. Basic components of environment, hygiene of tropospheric atmosphere, Hygiene of air, types of toxins in atmosphere and their potential impact	

on humans, animals and vegetation. Pedosphere and health dangers. Water sanitation, types of drinking water supply and related health risks. Contaminants in elements of an ecosystem. Health risk analysis in the environment. Energy sources, effects on the environment. Environmental Impact Assessment (EIA) - respective legislation.

**Recommended literature:**

Obligatory literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

Recommended literature:

KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.

[www.lecorbusier.com](http://www.lecorbusier.com)

KUKA, S. Vybrané kapitoly z hygieny životného prostredia I. Elektron. vydanie – MEFANET, 2017, 64 s., ISBN 978-80-8187-037-8. <https://portal.jfmed.uniba.sk/clanky.php?aid=370>

KUKA, S. Vybrané kapitoly z hygieny životného prostredia II. Elektr. vydanie – MEFANET, 2018, 66 s., ISBN 978-80-8187-053-8. <https://portal.jfmed.uniba.sk/clanky.php?aid=388>

**Languages necessary to complete the course:**

slovak, czech

**Notes:**

**Past grade distribution**

Total number of evaluated students: 37

A	ABS0	B	C	D	E	FX
45,95	0,0	43,24	5,41	2,7	0,0	2,7

**Lecturers:** Mgr. Miroslava Sovičová, PhD., Ing. Stanislav Kuka, PhD., Mgr. Mária Tatarková, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-024/16	<b>Course title:</b> Environmental Hygiene (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-023/22 - Environmental Hygiene (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each session) max. 21 points b) Continuous test (11 questions per 1 point) max. 11 points c) Written knowledge verification (3 x 2 questions per 1 point) max. 18 points d) Model situation. max. 2 points e) Final written exam - each student will draw two topics and prepare a respective thesis max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.	
<b>Class syllabus:</b> Global environmental problems. Impact of environmental changes on biocenosis. Hygiene of living places, towns and villages. The Athens Charter. Residential buildings and related health risks. Collective housing. Problems of excessive noise in living environment. Community infrastructure facilities. Physical training facilities. Cultural and entertainment facilities. Facilities for the care	

of the human body. Artificial and natural pools. Transportation, environment and health. Waste - distribution, legislation.						
<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: KUKA, S. Vybrané kapitoly z hygieny životného prostredia I., ISBN 978-80-8187-037-8. <a href="https://portal.jfmed.uniba.sk/clanky.php?aid=370">https://portal.jfmed.uniba.sk/clanky.php?aid=370</a> KUKA, S: Vybrané kapitoly z hygieny životného prostredia II, ISBN: 978-80-8187-053-8 <a href="https://portal.jfmed.uniba.sk/clanky.php?aid=388">https://portal.jfmed.uniba.sk/clanky.php?aid=388</a> KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. <a href="http://www.lecorbusier.com">www.lecorbusier.com</a>						
<b>Languages necessary to complete the course:</b> sloveak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
47,22	0,0	22,22	19,44	11,11	0,0	0,0
<b>Lecturers:</b> Ing. Stanislav Kuka, PhD., Mgr. Romana Ulbrichtová, PhD., Mgr. Mária Tatarková, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-021/16	<b>Course title:</b> Epidemiology of Infectious Diseases (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-009/15 - Introduction into the Public Health and JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each lecture) max. 14 points 100% attendance (1 points for each practical) max. 14 points b) Continuous test (18 questions per 2 points) max. 36 points c) Final test (18 questions per 2 points) max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands problems and regularity of structure and intensity of epidemic process, in nosologic units. He/she is able to apply knowledge on occurrence, diagnosis, epidemic measures (preventive and repressive) in professional practice.	
<b>Class syllabus:</b> Epidemic process: source of infection, mechanisms of transmission, factors, vectors and susceptible population, structure. Forms of communicable diseases occurrence. Dynamics of infection spread	

in population. Factors influencing spread of communicable diseases. Surveillance of communicable diseases. Immunisation.						
<b>Recommended literature:</b> Obligatory literature: BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 <a href="http://moodle.uniba.sk/">http:// moodle.uniba.sk/</a> Recommended literature: HUDEČKOVÁ, H., ŠVIHROVÁ, V., NOVÁKOVÁ, E., SZILÁGYIOVÁ, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi managment, 2018, 84 s., ISBN 978-80-89797-29-5 KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
25,0	0,0	52,78	22,22	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-022/16	<b>Course title:</b> Epidemiology of Infectious Diseases (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-021/16 - Epidemiology of Infectious Diseases (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each lecture and 0,5 points for each practical) max. 14 points b) Short check tests (6 x 4 questions, minus 0.5 points for each incorrect answer) c) Presentations and seminar works (2 x 9 points per work) max. 18 points d) Pre-exam test (18 questions per 0.5 point) max. 8 points e) Final exam (oral) max. 60 points Short check test contains 4 questions on issues dealt during the last practical. Student loses 0.5 point for each incorrect answer. Presentations and seminar works Each student chooses two topics from the given list and prepare two respective PPT presentations according to given structure (max. 10 minutes length) and uploads them into the moodle e-learning module. After its presenting and discussion he/she prepares written version (1-2 pages) incorporating comments and suggestions from discussion and uploads it into moodle. In case of significant formal and content deficits, the teacher can reduce number of obtained points. Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b>	



After the completion of the subject, the student understands theoretical knowledge on epidemiological characteristics of communicable diseases to provide a base for practical activity in dealing with current epidemiological situation. He/she is able to apply the knowledge to provide epidemic measures in outbreak areas. He/she is able to apply the knowledge to arrange intervention strategies, health promotion and protection from aspect of prevention of communicable diseases.						
<b>Class syllabus:</b> Epidemiological classification of communicable diseases - intestinal and air-borne infections, blood infections and infections of skin and external mucosae, zoonoses and infections with natural focality, sexually transmitted diseases, prion infections of the central nervous system, vaccine preventable diseases and hospital infections. Epidemiological characteristics, occurrence in Slovakia, epidemic measures and surveillance of selected infections.						
<b>Recommended literature:</b> Obligatory literature: BAKOSS, P. a kol. 4. vydanie. Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 <a href="https://moodle.uniba.sk">https://moodle.uniba.sk</a> Recommended literature: HUDEČKOVÁ, H., ŠVIHROVÁ, V., NOVÁKOVÁ, E., SZILÁGYIOVÁ, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5 KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. 4.						
<b>Languages necessary to complete the course:</b> slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
63,89	0,0	22,22	5,56	5,56	2,78	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-041/17	<b>Course title:</b> Epidemiology of Non-Infectious Diseases
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-058/15 - Basics of Prevention and JLF.ÚVZ/J-1-VZ-040/16 - Basics of Clinical Medicine (2)	
<b>Course requirements:</b> Evaluation <ul style="list-style-type: none"> <li>• 100% attendance (1 point for each session) max. 21 points</li> <li>• PowerPoint presentations (3 x 4 points per presentation) max. 12 points</li> <li>• Pre-exam test (20 questions per 0.5 point) max. 7 points</li> <li>• Final oral exam (2 questions) max. 60 points</li> <li>• Exceptional activity of a student in practicals can be honoured by a respective teacher (max. 3 points/session)</li> </ul> Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course are needed 3 presentations, at least grade E from final exam and at least 60 points in final evaluation. Each student will prepare two short presentations of their choice on the topics listed (max. 10 min / one presentation) using PowerPoint. The purpose of the presentation is the synthesis of knowledge from prerequisites with regard to epidemiology and prevention of non-communicable diseases. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands principal knowledge about meaning, trends and mode of assessing a population impact of chronic non-infectious diseases. He/she	

understands role of the risk factors and prevention of the most important groups of chronic non-infectious diseases, particularly cardiovascular, oncological, mental and health impairments caused by external causes. He/she understands basic principles and strategies of prevention of chronic non-infectious diseases on a population level.

**Class syllabus:**

Public health importance of non-communicable diseases, population health in the World, Europe and Slovakia. Social determinants of health. Multifactorial aetiology of non-communicable diseases. Risk factors. Measurement and evaluation of risk factors – relative risk, attributable risk, attributable fraction of the risk. Public health importance and prevention of cardiovascular and cerebrovascular diseases, cancers, chronic respiratory diseases and mental disorders. Reproductive health. Impact of genetic factors on population health. Public health importance and prevention of external causes of loss of health. Behavioural risk factors – the role of life style in population health. Lifestyle changes – motivation, models of behavioural change. Population-based measures preventing chronic non-communicable diseases. Tobacco control. Alcohol control and control of illicit psychoactive substances. Obesity and diabetes mellitus and their impact on population health. Chronic stress and its impact on population health. International programs (WHO, CDC) of prevention and surveillance of chronic non-communicable diseases. Prevention and monitoring of non-communicable disease in the system of public health in Slovakia.

**Recommended literature:**

Obligatory literature:

BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499

Our World in Data: <https://ourworldindata.org/>

Recommended literature:

The Global Burden of Disease. 2004, update: 2008 Geneva: World Health Organization. ISBN 978 92 4 156371.

[http://www.who.int/healthinfo/global\\_burden\\_disease/2004\\_report\\_update/en/index.html](http://www.who.int/healthinfo/global_burden_disease/2004_report_update/en/index.html)  
(odporúčaná)

Preventing Chronic Diseases. A Vital Investment. WHO Global Report. Geneva: WHO, 182 s. ISBN 92-4-156300-1.

[www.who.com](http://www.who.com)

Global Status Report on NCDs. 2014 Geneva: World Health Organization. ISBN: 978 92 4 156485 4 : <https://www.who.int/nmh/publications/ncd-status-report-2014/en/>

World Health Organization. [www.who.int](http://www.who.int)

Centers for Disease Control and Prevention, Atlanta, USA. [www.cdc.gov](http://www.cdc.gov)

JURKOVIČOVÁ, J.: Vieme zdravo žiť? Výskyt rizikových faktorov kardiovaskulárnych chorôb v slovenskej populácii a možnosti prevencie. Bratislava : Univerzita Komenského, 2005. 166 s. ISBN 80-223-2132-X

<https://moodle.uniba.sk/>

**Languages necessary to complete the course:**

slovak, english

**Notes:**

**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
48,15	0,0	33,33	18,52	0,0	0,0	0,0

<b>Lecturers:</b> prof. MUDr. Tibor Baška, PhD., Mgr. Eva Malobická, PhD., Mgr. Eliška Štefanová, PhD., doc. RNDr. Ľudovít Mušák, PhD., Mgr. Romana Ulbrichtová, PhD., Mgr. Martin Novák, PhD., Mgr. Mária Tatarková, PhD., doc. MUDr. Igor Ondrejka, PhD., Mgr. Zuzana Škodová, PhD.
---

<b>Last change:</b> 07.04.2022
--------------------------------

<b>Approved by:</b>
---------------------

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.KAIM/J-1-VZ-007/16	<b>Course title:</b> First Aid
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100% participation in practical exercises, successful completion of a credit test. Students are evaluated for their theoretical preparation for practical exercises and active participation in practical teaching - mastering and solving model cases. Scale of assessment (preliminary/final): Exam	
<b>Learning outcomes:</b> After completing the course, the student will gain an overview of the position of first aid in medicine, learn to quickly orient themselves in critical situations and properly participate in maintaining health, preventing further damage and saving lives. The student will be motivated for the next study of medical disciplines. Emphasis is placed on individual and group solutions to acute problems and the acquisition of basic clinical skills.	
<b>Class syllabus:</b> The importance of first aid. Guiding principles for first aid. The chain of survival. Basic life-saving operations (head tilt, first aid for choking on foreign bodies, recovery position). BLS - BasicLifeSupport - basic emergency resuscitation. How to use the AED (Automatic External Defibrillator). First aid for traumatic life-threatening conditions (bleeding, wounds, dressing techniques, dislocations, fractures, head, neck, chest, abdomen and pelvis injuries, polytrauma, burns, frostbite, bites and stings, drowning). First aid for non-traumatic life-threatening conditions (heart attack and chest pain, asthma attack, shortness of breath and respiratory failure, stroke, seizures, diabetic emergencies, unconsciousness, anaphylaxis, poisoning, sudden childbirth). Practical skills in specific situations - proper extraction of the injured unconscious from the car, shooting a motorcycle helmet.	
<b>Recommended literature:</b> First aid, CPR, and AED. Alton L. Thygerson, medical writer; Steven M. Thygerson, medical writer; Benjamin Gulli, medical editor; Gina Piazza, medical editor; American College of Emergency Physicians; Jones and Bartlett Publishers, 2016 ERC guidelines 2021	
<b>Languages necessary to complete the course:</b>	

<b>Notes:</b>						
<b>Past grade distribution</b>						
Total number of evaluated students: 47						
A	ABS0	B	C	D	E	FX
42,55	0,0	44,68	12,77	0,0	0,0	0,0
<b>Lecturers:</b> doc. MUDr. Milan Minarik, PhD., prof. MUDr. Beata Drobná Sániová, PhD.						
<b>Last change:</b> 04.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-VZ-CJ1/15	<b>Course title:</b> Foreign Language (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 95% participation in seminars, 2 written credit tests, minimum percentage to pass each test is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60% Scale of assessment (preliminary/final): 50% / 50%	
<b>Learning outcomes:</b> The result of foreign language education in non-medical students is to acquire the study skills needed to select and process professional information from modern nursing and other non-medical disciplines, as well as to acquire productive skills (speaking, writing) needed for effective communication in certain typical professional situations and contexts.	
<b>Class syllabus:</b> English Language: 1. Education. Study at a medical school. Requirements to achieve a degree in our country compared with other countries. Grammar: Formation of medical terms, names of individual medical branches. 2. Human body systems Names of human body parts, their organs and function. Grammar: Polite questions, requests and instructions. 3. Hospital team Professions in the hospital and clinics/departments/wards. Description of their activities and responsibilities. Grammar: Present simple, Present continuous. 4. In and around the hospital Description of the way to the hospital and the hospital environment. Hospital equipment and individual wards and offices. Grammar: Prepositions of place and movement. 5. Admission of the patient to the hospital Description of hospital admission, taking medical history. Grammar: Past simple, Past continuous. Forming questions. 6. Accidents and emergencies Understanding instructions, first aid, providing first aid in cardiac arrest. Signs and symptoms – Shock. Grammar: Giving instructions.	

<p>German Language:</p> <p>1. Sich vorstellen in der Studiengruppe. Pflichten des Studenten. Studium an der Universität – Diskussion. Grammatik: Verben – Konjugation – Präsens. Vokabeln. Wortschatz.</p> <p>2. Meine Universität Meine Universität, individuelle Fakultäten der Comenius-Universität, Gliederung des Schuljahres. Studienfächer an der Jessenius-Medizinischen Fakultät. Merken sie sich den Unterschied: kennen, kennenlernen, sich auskennen, erkennen. Grammatik: Imperativ. Vokabeln. Wortschatz.</p> <p>3. Der menschliche Körper Beschreibung des menschlichen Körpers. Einzelorgane vs. Paarorgane. Das Gesicht. Sinnesorgane. Merken sie sich den Unterschied: unterstehen, ausstehen, bestehen, entstehen, verstehen. Grammatik: Das Substantiv. Vokabeln. Wortschatz.</p> <p>4. Pflegeberufe Gesundheits- und Krankenpfleger. Verschiedene medizinische Berufe. Pflichten des Pflegepersonals. Merken sie sich den Unterschied: suchen, besuchen, untersuchen, sich aussuchen. Grammatik: Präteritum. Perfekt. Wortbildung. Vokabeln. Wortschatz.</p> <p>5. Wenn man krank ist. Im Wartezimmer. In der Praxis. Anmeldung bei einem Arzt. Merken sie sich den Unterschied: halten, anhalten, aufhalten, beinhalten. Grammatik: Die Pronomen. Reflexive Verben. Vokabeln. Wortschatz.</p> <p>6. Beim Arzt Medizinische Untersuchung. Anamnesegegespräch. Der Patient klagt über ... Merken sie sich den Unterschied: nehmen, einnehmen, aufnehmen, annehmen, abnehmen. Grammatik: Fragepronomen. Vokabeln. Wortschatz</p>																				
<p><b>Recommended literature:</b></p> <p>English Language: Grice, T. (2007) Student's Book. Oxford English for Careers. Grice, T. (2007) Nursing 1. Oxford English for Careers. Grice, T. (2007) Practice Book. Oxford English for Careers. Džuganová, B. – Zrníková, P. (2020) English in General Medicine. Bratislava : Vydavateľstvo UK.</p> <p>German Language: Džuganová, B. – Barnau, A. (2017) Nemčina pre lekárov a pracovníkov v zdravotníctve. Bratislava : Eastone Books., Firnhaber-Sensen, U. - Rodi, M. (2013) Deutsch im Krankenhaus. Berlin : Langenscheidt.</p>																				
<p><b>Languages necessary to complete the course:</b> English language/German language</p>																				
<p><b>Notes:</b></p>																				
<p><b>Past grade distribution</b> Total number of evaluated students: 56</p> <table border="1"> <thead> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>32,14</td><td>0,0</td><td>26,79</td><td>16,07</td><td>21,43</td><td>3,57</td><td>0,0</td></tr> </tbody> </table>							A	ABS0	B	C	D	E	FX	32,14	0,0	26,79	16,07	21,43	3,57	0,0
A	ABS0	B	C	D	E	FX														
32,14	0,0	26,79	16,07	21,43	3,57	0,0														
<p><b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., Mgr. Desana Kiselová, Mgr. Nora Malinovská, PhD.</p>																				
<p><b>Last change:</b> 18.03.2022</p>																				



**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-VZ-CJ2/15	<b>Course title:</b> Foreign Language (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚCJ/J-1-VZ-CJ1/15 - Foreign Language (1)	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b> English language: 1. Pain Describing types and degrees of pain. Grammar: Making comparisons 2. Symptoms Describing symptoms, respiration, cough, asthma. Grammar: Question forms. 3. Caring for the elderly Alzheimer's disease, the ageing brain. The problems of the elderly, the aids. Grammar: Expressing future facts, predictions, possibility. 4. Nutrition and obesity Vitamins and minerals, eating disorders, healthy lifestyle, diets, fast-food, digestion, vomiting, defecation. Grammar: giving advice. 5. Blood Cardiovascular system, organs and diseases. Talking about blood types, blood cells Grammar: Zero and first conditional. 6. Hygiene Describing hygiene aids, infectious diseases, immune system, skin problems. Grammar: Talking about obligation	
<b>Recommended literature:</b> Grice, T.: Studet file. Oxford English for Careers, 2007 Grice, T.: Nursing 1. Oxford English for Careers, 2007 Grice, T.: Practice Book. Oxford English for Careers, 2007 Džuganová, B., Zrníková, P.: English in General Medicine. Bratislava: Vydavateľstvo UK, 2020.	
<b>Languages necessary to complete the course:</b> English language, German language	

<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
30,91	0,0	27,27	9,09	25,45	7,27	0,0
<b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-VZ-CJ3/16	<b>Course title:</b> Foreign Language (3)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Foreign language 1, Foreign language 2	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b> English language: 1. Revision of knowledge from the 1st year 2. Mental health nursing Schizophrenia, famous people suffering from mental illness. Grammar: Present perfect 3. Monitoring the patient Vital signs, anaesthetic procedures. Grammar: Passive voice. 4. Medication Types and forms of medication, dosages. Grammar: Present continuous for future 5. Alternative treatments Types of alternative treatments, medicinal plants. Grammar: Giving reasons 6. Reading bank and presentations Nursing in Slovakia and abroad, healthy lifestyle, nursing techniques in practice, communication with patient and family, bacterial and virus diseases, prevention, vaccination, treatment, supportive therapies, first aid	
<b>Recommended literature:</b> Anglický jazyk Grice, T.: Studet file. Oxford English for Careers, 2007 Grice, T.: Nursing 1. Oxford English for Careers, 2007 Grice, T.: Practice Book. Oxford English for Careers, 2007 Džuganová, B., Zrníková, P.: English in General Medicine. Bratislava: Vydavateľstvo UK, 2020.	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	

<b>Past grade distribution</b>						
Total number of evaluated students: 37						
A	ABS0	B	C	D	E	FX
54,05	0,0	18,92	13,51	5,41	5,41	2,7
<b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., Mgr. Nora Malinovská, PhD., Mgr. Desana Kiselová						
<b>Last change:</b> 27.01.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-048/16	<b>Course title:</b> Health Education
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 3 per level/semester: 42</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-VZ-011/15 - Psychology and Basics of Communication I. (2) and JLF.ÚVZ/J-1-VZ-058/15 - Basics of Prevention	
<b>Course requirements:</b> Evaluation of students takes the form of a written test, the minimum threshold of success: 60%. Defence the semester thesis on health education topic. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % and less. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of course the student obtains information about the Health education and the educational process (I - V phase). After completion of the subject the student: <ul style="list-style-type: none"> <li>• is able to understand strategy of education in prevention and health promotion,</li> <li>• is able to design educational procedures in prevention, health promotion and health education,</li> <li>• is able to apply educational methods and means in prevention and health promotion.</li> </ul>	
<b>Class syllabus:</b> International documents: The Ottawa Charter, The Jakarta Declaration. Definition of basic terms: health, models of health, education, health promotion, prevention. Health promotion and health education. Aims of health education. Primary, secondary and tertiary health education. State of health, Opinion on health and healthy lifestyle. Factors that influence health and health habits. Facilitation of learning and learning support. Principles of learning. Aims of educational process. Ethical aspect of health education. Educational process (phase I. – V.) Methods of data collection- observation, questionnaire, knowledge test, measurements. Educational process: phase I.- assessment, identification of educational needs. Educational process: phase II., III. Individual and group forms of education. Methods and means of education. Alternative methods of education. Plans and methods of education. Methodical processing. Communication skills in education for health. Duties of lecturer in health education.	

Specific problems of young age (childhood). Methods and means of education. Specific problems in adolescence. Methods and means of education. Specific problems in adult age. Methods and means of education. Specific problems of seniors. Methods and means of education. Task of multidisciplinary team in education for health.						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b> Slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
38,89	0,0	41,67	19,44	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Mgr. Martina Bašková, PhD., doc. PhDr. Simona Kelčíková, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-052/17	<b>Course title:</b> Health Protection Against Ionizing Radiation
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2) and JLF.ÚLBf/J-1-VZ-068/18 - Biophysics and Radiology	
<b>Course requirements:</b> Evaluation a) 100% attendance* max. 21 points b) Continuous test (9 questions per 1 point) max. 9 points c) Final test (35 questions per 2 points) max. 70 points *note: 1 point per 2 hours of sessions Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands nature of ionizing radiation and its effects on environmental health.	
<b>Class syllabus:</b> Characteristics, features and sources of ionizing radiation. Variables and measurement units used in radiation protection. Biologic effects of radiation and their health consequences. Principles and criteria of protection against ionizing radiation in environment and workplace. Sources of ionizing radiation and radiation protection in healthcare. Legislation and international cooperation.	



<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Zákon č. 87/2018 Z. z. o radiačnej ochrane a vykonávacie predpisy Recommended literature: <a href="http://www.icrp.org/">http://www.icrp.org/</a> ; <a href="http://www.iaea.org/">http://www.iaea.org/</a> ; <a href="http://www.icru.org/">http://www.icru.org/</a>						
<b>Languages necessary to complete the course:</b> slovak, english, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
74,07	0,0	14,81	11,11	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Jela Čajdová, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-031/16	<b>Course title:</b> Hospital Hygiene
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-009/15 - Introduction into the Public Health and JLF.ÚMI/J-1-VZ-008/22 - Microbiology (1) and JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points c) Final test (18 questions per 2 points) max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student is able to apply knowledge in professional activities of hospital hygiene, in positive influencing of the health care and in a co-ordinated approach to deal with tasks in the field of hospital hygiene.	
<b>Class syllabus:</b> Hospital infections as a specific and long-term problem of health care facilities. Problematic environment and problematic patient characteristics. Diagnostics (clinical, laboratory and epidemiological), organization of work (preventive and repressive measures, hospital infections surveillance), methodical knowledge and supervision (hygiene-epidemiological regime, barrier nursing technique, safety and protection of patients and health care staff, eating, water, work places	

at risk etc.) in healthcare facilities. Living conditions for patients and working conditions for the personnel of the healthcare facilities. Specific problems and complications in hospital hygiene. Precautions, preventive and repressive measures regarding hospital infections.						
<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: Štefkovičová M. a kol. Dezinfekcia a sterilizácia – teória a prax II. Žilina: Vrana, 2007, 164 s. ISBN 978-80-968248-3-0 Podstatová, H. Hygiena provozu zdravotnických zařízení a nová legislativa. Olomouc: EPAVA, 2002, 267 s. ISBN 80-86297-10-1						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
69,44	0,0	16,67	13,89	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, Mgr. Eva Malobická, PhD., Mgr. Martin Novák, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-016/15	<b>Course title:</b> Human Ecology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Attendance at the lectures and practicals is obligatory. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) Evaluation a) 100% attendance (2 points for each session) max. 28 points b) continuous test max. 38 points c) powerpoint presentation max. 34 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After the completion of the subject, the student understands global problems in relation to the health. He/she is able to apply knowledge to avoid risk of ecosystem threatening, is able to solve emerging related problems.	
<b>Class syllabus:</b> Ecology. Quality of human life. Ecologic disasters. Ecoterrorism. Global contemporary topical issues. Ecotoxicology and monitoring. Ecochemical factors in relation to humans. Biological factors of an ecosystem in relation to humans. Biodiversity and human communicable diseases. Ecology of healthcare facilities. Ecological nutritional aspects. The role	

of biodiversity in global food production. Ecological accidents in the World and Slovakia. Endangering of ecosystems by human activities. Selected case studies ecological accidents and disasters.						
<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: ŠULCOVÁ, M. a kol. Verejné zdravotníctvo. Bratislava: VEDA, 2012, 654 s., ISBN 978-80-224-1283-4 <a href="http://www.jhsph.edu">www.jhsph.edu</a> <a href="http://www.ceh.ac.uk">www.ceh.ac.uk</a> <a href="http://www.fao.org">www.fao.org</a> <a href="http://www.sazp.sk">www.sazp.sk</a>						
<b>Languages necessary to complete the course:</b> slovak, english						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
85,45	0,0	12,73	0,0	0,0	1,82	0,0
<b>Lecturers:</b> Ing. Stanislav Kuka, PhD., doc. Ing. Viera Jakušová, PhD., MPH, Mgr. Martin Novák, PhD.						
<b>Last change:</b> 11.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-042/17	<b>Course title:</b> Hygiene of Children and Adolescents (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/16 - Nutrition and Hygiene (2) and JLF.ÚPAs/J-1-VZ-011/15 - Psychology and Basics of Communication I. (2) and JLF.ÚVZ/J-1-VZ-058/15 - Basics of Prevention	
<b>Recommended prerequisites:</b> Environmental Hygiene 2, Nutrition Hygiene 2, Psychology and basics of communication., Essentials of Prevention	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each lecture and 1 point for each practical) max. 28 points b) Continuous test (20 questions per 2 points) max. 40 points b) Final test (16 questions per 2 points) max. 32 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands specific features of physical and psychical development of children and youth, development of hygienic principles in pedagogic process taking into account physiologic and psychological features of growth. He/she understands principles of health education paying attention to drug addiction, alcoholism, smoking, etc. He/she is able to	

apply information and practical skills considering healthy lifestyle and protection of health in youngsters.

**Class syllabus:**

Protection of health of child and youth – related legislation. Prevention within health care for child and youth Projects and programs organized in Slovakia. Evaluation of growth and developmental parameters in children and youth – growth tables and graphs. Developmental characteristics of childhood and teenage. Anthropometric evaluation, identification of physical ability of children and youngsters. Health risk in facilities for preschool children. School and load related to school (daily regime of schoolchildren, time schedule of curriculum, prevention of locomotors organs disorders related to schooling). Family and social environment, health risks in families (too young parents, elderly parents, loss of parents due to death, divorces, the second and other marriage). Problems related to housing - two and more generations in one apartment (problems related to a child, health consequences). Apartment – a place for work and rest of child and youth (prevention of injuries in homes, save home). Requirements for catering for children and youngsters - legislation and supervision. Programs to promote healthy nutrition in preschool and school facilities. Hygienic requirements for arrangement and equipment of preschool and school facilities – their evaluation. Implementation of the European Strategy for Care for Children and Adolescents.

**Recommended literature:**

Obligatory literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

ROVNÝ, I. a kol. Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3

[www.uvzsr.sk](http://www.uvzsr.sk);

[www.euro.who.int/en/home](http://www.euro.who.int/en/home)

Recommended literature:

KOMÁREK, L., PROVAZNÍK, K. : Prevence v praxi. Praha: Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s., dostupné na: [http://www.lf3.cuni.cz/opencms/export/sites/www.lf3.cuni.cz/cs/pracoviste/uzdm/Prevence\\_v\\_praxi.pdf](http://www.lf3.cuni.cz/opencms/export/sites/www.lf3.cuni.cz/cs/pracoviste/uzdm/Prevence_v_praxi.pdf)

JURKOVIČOVÁ, J. a kol. Praktické cvičenia z hygieny. Bratislava: UK, 2010, 330 s. ISBN 978-80-223-2816-6

**Languages necessary to complete the course:**

slovak, czech

**Notes:**

**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
92,59	0,0	7,41	0,0	0,0	0,0	0,0

**Lecturers:** Mgr. Eliška Štefanová, PhD., Mgr. Eva Malobická, PhD., Mgr. Romana Ulbrichtová, PhD.

**Last change:** 17.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-051/17	<b>Course title:</b> Hygiene of Children and Adolescents (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-042/17 - Hygiene of Children and Adolescents (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance max. 26 points b) Model situation (PowerPoint presentation during 12th block of the practicals) max. 14 points c) Final test - moodle (60 questions per 1 point) max. 60 points *note: 2 points per day of block class Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands specific features of physical and psychical development of children and youth, development of hygienic principles in pedagogic process taking into account physiologic and psychological features of growth. He/she understands principles of health education paying attention to drug addiction, alcoholism, smoking, etc. He/she is able to apply information and practical skills considering healthy lifestyle and protection of health in youngsters.	
<b>Class syllabus:</b> Requirements for catering facilities for children and youngsters. Programs promoting healthy nutrition in catering facilities Sport during childhood (characteristics of appropriate physical	



activities for children as a prevention of diseases during adulthood, health benefit, risk of competitive and endurance sport activities in children). Injuries and poisonings in children and youngsters. Possibilities of prevention. Kinds of substance additions in children and youngsters. Prevention of addiction in schools. School programs and projects. Introduction to problem of chronic non-communicable diseases during childhood and adolescence. Dealing with life-style related health risks. Preventive programs of cardiovascular diseases for children. Metabolic disorders during childhood. Acute and chronic respiratory diseases and immunity impairments in children and adolescents from aspects of modifiable risk factors. Allergies in childhood. Eating disorders in children and adolescents. Possibilities of prevention. Psychiatric diseases during childhood. Hygiene of work of youngsters (work of adolescents, requirements to protect health during the work of adolescents). Legislation, programs to promote and protect health of children and youngsters, the role of state health supervision within the hygiene of children and youngsters.

**Recommended literature:**

Obligatory literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

ROVNÝ, I. a kol. Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3

Zákon č. 355/2007 Z.z. o ochrane podpore a rozvoji verejného zdravia a vykonávacie predpisy  
www.uvzsr.sk

www.euro.who.int/en/home

Recommended literature:

KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.

JURKOVIČOVÁ, J. a kol. Praktické cvičenia z hygieny. Bratislava: UK, 2010, 330 s. ISBN 978-80-223-2816-6

KOŠŤÁLOVÁ, Ľ., KOVÁČZ a kol. Úvod do pediatrie Skripta pre nelekárske smery Lekárska fakulta Univerzity Komenského v Bratislave Bratislava, 2005. 144 s.

**Languages necessary to complete the course:**

slovak, czech

**Notes:**

**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
96,3	0,0	3,7	0,0	0,0	0,0	0,0

**Lecturers:** Mgr. Eliška Štefanová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-009/15	<b>Course title:</b> Introduction into the Public Health
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Evaluation Attendance at the lectures and practicals is obligatory. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) a) 100% attendance (1 point for each session) max. 21 points b) Pre-exam test (9 questions per 1 point) max. 9 points c) Exam test (35 questions per 2 points) max. 70 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After the completion of the subject, the student is able to apply general knowledge on hygiene and epidemiology. He/she understands role of physical, chemical and biological factors as well as other determinants of human health and etiopathogenesis of diseases. He/she understands basic knowledge on individual and population based preventive strategies.	
<b>Class syllabus:</b> Public health – definition, goals, tasks. History of hygiene and epidemiology, definitions, classification and content. Social-economic and ethical aspects of public health. Public health issues in developing countries. Global geomedicine situation. Humans, living environment, occupational environment. Hygienic and epidemiological issues of settlements in developed and developing countries. Analysis of health risks related to living and occupational environment, foodstuffs and	

nutrition. Nutritional hygiene from public health aspect. Public health aspect of health of child and adolescents, adult population and elderly population. Methods of works employed in public health. Resources of scientific information in public health.

**Recommended literature:**

Obligatory literature:

Jurkovičová J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN

978-80-223-4905-5

BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN

978-80-223-3499 0

KLEMENT, C. Verejné zdravotníctvo. História, Súčasnosť, Analýza, STRATÉGIA, Rozvoj.

Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1

<https://moodle.uniba.sk>

[http://www.who.int/phe/health\\_topics/en/](http://www.who.int/phe/health_topics/en/)

Recommended literature:

KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s

Šulcová, M., Čižmár, I., Fabiánová E. Verejné zdravotníctvo. Bratislava: Veda, 2013, 651 s.,

ISBN 978-80-224-1283-4

Legáth, L., Buchancová, J. a kol. Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020,

295 s. ISBN 978-80-8063-493-3

**Languages necessary to complete the course:**

slovak, czech, english

**Notes:****Past grade distribution**

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
18,18	0,0	65,45	12,73	3,64	0,0	0,0

**Lecturers:** prof. MUDr. Tibor Baška, PhD., Mgr. Eva Malobická, PhD., Mgr. Eliška Štefanová, PhD., Mgr. Martin Novák, PhD., Mgr. Romana Ulbrichtová, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH

**Last change:** 22.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-060/15	<b>Course title:</b> Law and Legislation in Healthcare
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Evaluation Attendance at the lectures and practicals is obligatory. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) a) 100% attendance (4 points for each session) max. 28 points b) Continuous test max. 36 points c) Prepared paper/essay max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After the completion of the subject, the student understands basic principles of law and formation of legislation in health care.	
<b>Class syllabus:</b> Essentials of law, legal systems, legal awareness Governmental authorities Formation of governmental norms, legislation process Constitution of the Slovak Republic Legal accountability in health care – administrative, labor-law Ethical code of health care worker, Charter of patient's rights in the Slovak Republic	

<b>Recommended literature:</b> Obligatory literature: TÓTH KAROL a kol. Právo a zdravotníctvo II. Bratislava: Herba, 2013, 432 s. ISBN 978-80-89631-08-7						
<b>Languages necessary to complete the course:</b> slovak						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
98,18	0,0	0,0	0,0	0,0	1,82	0,0
<b>Lecturers:</b> PhDr. Marta Tkáčová, PhD.						
<b>Last change:</b> 11.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBI/J-1-VZ-001/15	<b>Course title:</b> Medical Biology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100 % attendance at practical classes. Successful passing of 2 credit tests (at least 60 %), successful passing of oral exam. Scale of assessment (preliminary/final): 0 / 100	
<b>Learning outcomes:</b> After completing the subject, the student has knowledge in general cytology, cell physiology, cell pathology molecular biology and genetics, and basic knowledge in genetics of blood groups, immunogenetics as well as in genetics of cancer cell, viruses and bacteria.	
<b>Class syllabus:</b> Biopolymers – proteins, nucleic acids, polysaccharides. The cell theory. Cell as a basic structural and functional unit. The cell as an open system. 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 the cell. Cell division – mitosis. Meiosis, gametogenesis. 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 – proto-oncogenes, oncogenes. Cytogenetic methods, methods of gene engineering.	
<b>Recommended literature:</b> <ul style="list-style-type: none"> <li>• Péč, M. et al.: Prehľad lekárskej biológie a genetiky pre študijný program Verejné zdravotníctvo, 1st Ed., Martin, Univerzita Komenského Bratislava, Jesseniova lekárska fakulta Martin, 2019, 428 pp.</li> <li>• Kubatka, P., Péč, M., Valentová, V.: Prehľad lekárskej biológie pre študijný odbor Verejné zdravotníctvo, Bratislava, Univerzita Komenského, 2013, 300 pp.</li> </ul>	
<b>Languages necessary to complete the course:</b> Slovak	

<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 56						
A	ABS0	B	C	D	E	FX
85,71	0,0	7,14	3,57	3,57	0,0	0,0
<b>Lecturers:</b> prof. RNDr. Peter Kubatka, PhD., prof. MUDr. Martin Péč, PhD.						
<b>Last change:</b> 15.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-VZ-013/15	<b>Course title:</b> Medical Terminology
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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% Scale of assessment (preliminary/final): Written tests - min. 60% Final classification involves student's credits (rated 40%) and written exam result (rated 60%)	
<b>Learning outcomes:</b> The aim of Latin medical terminology teaching is to acquire terminological competence, i.e. capacity of accurate and correct usage of medical language at work with terminological materials presented in oral and written way, as well as acquisition of basic knowledge of general medical terminology.	
<b>Class syllabus:</b> 1. Historical and linguistic introduction into medical Latin. 1st Latin and Greek declension. 2. 2nd Latin and Greek declension. 3. 3rd Latin consonant declension. 4. 3rd Latin consonant declension. 5. 4th and 5th Latin declension. 6. Adjectives of the 3rd declension. 7. TEST I. 8. Comparison of adjectives. 9. 3rd Greek declension. 10. Numerals. Latin medical prescription. 11. Prefixes. 12. Suffixes. Adverbs. 13. Compounds. 14. TEST II.	
<b>Recommended literature:</b> Bujalková, M., Šimon, F.: TERMINOLOGIA MEDICA LATINA. Učebnica lekárskej terminológie pre študentov medicíny. Martin: Vydavateľstvo Osveta 2019. 236 s.	



3. doplnené a upravené vydanie. ISBN 978-80-8063-480-3						
<b>Languages necessary to complete the course:</b> Slovak and Latin language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 56						
A	ABS0	B	C	D	E	FX
42,86	0,0	23,21	12,5	10,71	8,93	1,79
<b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Miroslav Čovan, PhD., Mgr. Nora Malinovská, PhD., Mgr. Samuel Javornický, PhD.						
<b>Last change:</b> 19.01.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-034/16	<b>Course title:</b> Methodology in Epidemiology and Hygiene
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-009/15 - Introduction into the Public Health and JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-057/15 - Basics of Informatics and Computer Skills	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each lecture and 1 points for each practical) max. 28 points b) Pre-exam test (16 questions per 0.5 points) max. 8 points c) Final exam (32 questions per 2 points) max. 64 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) **checked practical outcomes For successful completion of the course, at least 42 points in the final test and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands methods of measuring health and diseases in population, their specific conditions and defined terms, ways to define groups at risk, to evaluate the activity and efficacy of healthcare services and measures, to identify and measure causes and determinants of diseases as well as other conditions related to health.	
<b>Class syllabus:</b> General principles, measuring and analysis of phenomena's, determination of a disease as a statistical unit, basic phases of the epidemiological method of work, descriptive, analytical and experimental epidemiology, characteristics of persons, places and time. Causality in epidemiology.	

Assessment of efficacy of an intervention Surveillance as an epidemiological working method. Risk assessment and risk management. Evidence based practice.						
<b>Recommended literature:</b> Obligatory literature: BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 BRAŽINOVÁ, A.: Epidemiologické metódy a ich uplatnenie v epidemiológii vybraných ochorení. Bratislava, Univerzita Komenského 2020, 70 s., ISBN 978-80-223-4982-6 <a href="https://moodle.uniba.sk/">https://moodle.uniba.sk/</a> Recommended literature: RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013, 235 s. RUSNÁK M., RUSNÁKOVÁ V., Majdan M.: Bioštatistika pre študentov verejného zdravotníctva. Trnava: Typi Universitatis Tyrnaviensis, 2010, 216 s. Šulcová M., Čížmár, I., Fabiánová E. Verejné zdravotníctvo. Bratislava: Veda, 2013, 651 s., ISBN 978-80-224-1283-4						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
27,78	0,0	25,0	25,0	16,67	5,56	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD., MUDr. Tibor Záborský, PhD., MPH, RNDr. Mária Marušiaková, PhD., MPH, Mgr. Romana Ulbrichtová, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚMI/J-1-VZ-008/15	<b>Course title:</b> Microbiology (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚCJ/J-1-VZ-013/15 - Medical Terminology	
<b>Course requirements:</b> - it is obligatory to be present at practicals (1 absence is tolerated) - test during the semester - oral presentation of seminar work End study evaluation of students is based on written test - The final grade is determined by counting the points for the test during semester and the final exam test. Scale of assessment (preliminary/final): 33,3% / 66,7%	
<b>Learning outcomes:</b> The student receives information from general bacteriology, virology, parasitology and mycology, about their structure, metabolism, pathogenic potential and pathogenesis of infectious diseases, genetic and antibiotics used for the treatment as well as 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 material, to process it for microscopy, cultivation, identification, ATB susceptibility and tools of pathogenity testing. The student is able to continue the study that require the basis of bacterial cell structure, metabolism, genetic and to use the gained knowledge for understanding the requirements of the next degree (microbiology 2).	
<b>Class syllabus:</b> 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 Concklin 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, Serological reactions	
<b>Recommended literature:</b> Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.	

Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s.  
 Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s.  
 Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9.  
 Nováková E, Porubská A, Kompaníková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=203>  
 Neuschlová Martina, Nováková Elena, Kompaníková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6.  
 Neuschlová M, Nováková E, Kompaníková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=344>  
 Neuschlová M, Nováková E, Kompaníková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.  
 Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie  
 Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.

**Languages necessary to complete the course:**

slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
34,55	0,0	34,55	20,0	10,91	0,0	0,0

**Lecturers:** doc. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Vladimíra Sadloňová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚMI/J-1-VZ-020/16	<b>Course title:</b> Microbiology (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚMI/J-1-VZ-008/22 - Microbiology (1)	
<b>Course requirements:</b> - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule Exam: End study evaluation of students is based on written exam – test. Scale of assessment (preliminary/final): 25% / 75%	
<b>Learning outcomes:</b> The student receives information from specialised bacteriology, virology, parasitology and mycology, about the structure, metabolism, pathogenic potential and pathogenesis of individual microorganisms that are ethiology of human infectious diseases. Antibiotics used for the treatment as well as methods of ATB susceptibility testing. 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 material, to process it for microscopy, cultivation, identification and ATB susceptibility and tools of pathogenity testing. 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.	
<b>Class syllabus:</b> Bacteriology: G+cocci Staphylococci. Streptococci Bacteriology: G – cocci neisseria, haemophilus Bacteriology: G- rods, enterobacteriaceae Bacteriology: G-rods, nonfermenting rods Bacteriology: G+rods, anaerobes Spirochetales, chlamydia, mycoplasma Introduction to virology Virology, DNA viruses , RNA viruses Hepatitis viruses, prions, HIV Medical mycology and 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	
<b>Recommended literature:</b>	

Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.  
 Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s.  
 Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s.  
 Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9.  
 Nováková E, Porubská A, Kompaníková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s.  
 Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=203>  
 Neuschlová Martina, Nováková Elena, Kompaníková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6.  
 Neuschlová M, Nováková E, Kompaníková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=344>  
 Neuschlová M, Nováková E, Kompaníková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.  
 Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie  
 Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.

**Languages necessary to complete the course:**

slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
38,89	0,0	16,67	16,67	22,22	5,56	0,0

**Lecturers:** doc. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Vladimíra Sadloňová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-018/15	<b>Course title:</b> Nursing Techniques (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 3 per level/semester: 42</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Participation in the practical according to specific criteria - Written test at the beginning of each practical, the threshold of success: 60% - Written test in 7th and 14 th week of the semester, the threshold of success: 60% Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–75 %, FX: 60 % and less.	
<b>Learning outcomes:</b> By completing the course the student will demonstrate skills in the implementation of basic nursing procedures; can define and adhere to the principles of safety at work, on the hand hygiene and can implement the preparation of the patient for nursing procedures. The student <ul style="list-style-type: none"> <li>• understands the system of work in department</li> <li>• is able to perform prescribed nursing procedures</li> <li>• is able to monitor hygienic-epidemiological model.</li> </ul>	
<b>Class syllabus:</b> Dressings, Bandages. Taking care of equipment, asepsis, antisepsis. Hand hygiene practices. Bedmaking. Nutrition. Vital signs. Elimination. Intravenous Therapy and Blood Transfusion. Medications. Application injections. Collection of biological material. Model "My five moments for hand hygiene".	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b> Slovak language, Czech language	
<b>Notes:</b>	



<b>Past grade distribution</b>						
Total number of evaluated students: 56						
A	ABS0	B	C	D	E	FX
33,93	0,0	41,07	21,43	3,57	0,0	0,0
<b>Lecturers:</b> doc. PhDr. Simona Kelčíková, PhD., doc. Mgr. Martina Bašková, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-019/15	<b>Course title:</b> Nursing Techniques (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-VZ-018/15 - Nursing Techniques (1)	
<b>Course requirements:</b> Participation in the practical according to specific criteria - Written test in 14 th week of the semester, the threshold of success: 60% Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–75 %, FX: 60 % and less.	
<b>Learning outcomes:</b> By completing the course the student will demonstrate skills in of basic nursing procedures; can define and adhere to the principles of safety at work, on the hand hygiene and can is able for preparation the patient for nursing procedures. The student <ul style="list-style-type: none"> <li>• understands the system of work in department</li> <li>• is able to perform prescribed nursing procedures</li> <li>• is able to monitor hygienic-epidemiological model</li> <li>. is able to realize and observe the performance of selected nursing procedures asepsis and antisepsis,</li> <li>• is able to apply the knowledge, skills, work habits in a hospital.</li> </ul>	
<b>Class syllabus:</b> Dressing material and dressing technique. Care of aids, asepsis, antisepsis. Hand Hygiene Procedures (Virtual Patient) Bed care. Nutrition care. Measurement and recording of vital functions. Discharge care. Specifics of the hygienic-epidemiological regime at the urology clinic. Principles of infusion, transfusion. Specifics of the hygienic-epidemiological regime at the internal medicine clinic. Preparation and administration of drugs. Injection. Collection of biological material. Specifics of hygienic-epidemiological model at the surgical clinic. Nursing unit, organization and system of work on the nursing unit.	
<b>Recommended literature:</b>	

<b>Languages necessary to complete the course:</b> Slovak language, Czech language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
40,0	0,0	43,64	12,73	3,64	0,0	0,0
<b>Lecturers:</b> doc. Mgr. Martina Bašková, PhD., doc. PhDr. Simona Kelčíková, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-025/16	<b>Course title:</b> Nutrition and Hygiene (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-VZ-002/15 - Anatomy and Physiology and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology	
<b>Recommended prerequisites:</b> Anatomy and Physiology, Introduction to Public Health, Pathological Anatomy and Pathological Physiology	
<b>Course requirements:</b> Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands basic knowledge on healthy nutrition of population, methods and conditions to achieve maximal possible accordance with the physiological optimum, obtainable in actual living and occupational conditions.	
<b>Class syllabus:</b> Hygiene of nutrition and objects of the daily use (definition, objectives, content, legislation, effect of nutrition on population health). Basic components of food, the recommended nutritional dosages of nutrients for the population of the Slovak Republic. Psychogenic eating disorders – anorexia nervosa, bulimia nervosa, orthorexia nervosa. Foods presenting a high epidemiologic risk. Assessment of construction and technical and operational conditions of food facilities. Hygiene of catering services and canteens. Basic principles and application guidelines for Hazard Analysis and Critical Control Point (HACCP). Food establishments, requirements for the operation. Taking food samples Diet and nutrition in healthcare facilities. Hospital dietary system – dietary regimes	
<b>Recommended literature:</b> Povinná: MALOBICKÁ, E., ČERVEŇOVÁ, T. Bezpečnosť potravín. Martin: Osveta, 2015. 117 s. ISBN: 978-80-8063-431-5 ROVNÝ, I. a kol.: Vybrané kapitoly verejného zdravotníctva II. Banská Bystrica: PRO, 2013. 895 s. ISBN: 978-80-89057-44-3 JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5	

Odporúčaná: <a href="https://www.uvzs.sk">https://www.uvzs.sk</a> Potravinový kódex SR KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. MULLEROVÁ, D. Zdravá výživa a prevence civilizačních nemocí ve schématech. Praha: Triton, 2003, 99 s. KOHOUT, P. a kol. Klinická výživa, Praha: Galén, 2021. 944 s.						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
66,67	0,0	33,33	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Eva Malobická, PhD., Mgr. Martin Novák, PhD.						
<b>Last change:</b> 10.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-026/16	<b>Course title:</b> Nutrition and Hygiene (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚMI/J-1-VZ-020/16 - Microbiology (2) and JLF.ÚVZ/J-1-VZ-025/22 - Nutrition and Hygiene (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each session) max. 21 points b) Continuous test (11 questions per 1 points) max. 11 points c) Written knowledge verifications (4 x 2 questions per 1 point) max. 8 points d) Final exam (oral) – each student draws two questions max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands basic knowledge on healthy nutrition of population, methods and conditions to achieve maximal possible accordance with the physiological optimum, obtainable in actual living and occupational conditions.	
<b>Class syllabus:</b> Foodborne diseases. Foodborne intoxications. Contaminants and additives in foodstuffs. Conservation of foodstuff. Hygienic and sensory evaluation of food. Food intolerances and allergies. Genetically modified foodstuffs – significance and health risks. Requirements for materials and articles intended to come into contact with food and their risks. Principles of	

HAACCP. School catering. Catering in fast food facilities. Animal products and plant products in the diet (nutritional importance, hygienic risk). Sanitation in food Industry. Principles of state health supervision in public catering facilities.						
<b>Recommended literature:</b> Obligatory literature: MALOBICKÁ, E., ČERVENŇOVÁ, T. Bezpečnosť potravín. Martin: Osveta, 2015. 117 s. ISBN: 978-80-8063-431-5 ROVNÝ, I. a kol.: Vybrané kapitoly verejného zdravotníctva II. Banská Bystrica: PRO, 2013. 895 s. ISBN: 978-80-89057-44-3 JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. MULLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s. KOHOUT, P. a kol. Klinická výživa, Praha: Galén, 2021. 944 s. Juriš, P. a kol. Hygiena výživy pre verejné zdravotníctvo. Košice: UPJŠ, 2019, 268 s., ISBN 978-80-8152-755-5 <a href="https://www.uvzs.sk/">https://www.uvzs.sk/</a>						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
86,11	0,0	11,11	2,78	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Eva Malobická, PhD., Mgr. Martin Novák, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-065/17	<b>Course title:</b> Nutrition in Prevention of Diseases
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-026/16 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-040/16 - Basics of Clinical Medicine (2)	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points b) Final test (18 questions per 2 points) max. 76 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands significance of the healthy and regulated human nutrition in prevention of chronic non-infection disease as well as basic methods to monitor risk and protective nutrition factors in the population nutrition.	
<b>Class syllabus:</b> Essential principles of appropriate nutrition. Disorders related to unbalanced nutrition (obesity, mental eating disorders, bulimia etc.). Nutrition in prevention of atherosclerosis. Nutrition in prevention of cancer. Nutrition in prevention of diabetes (disorders of saccharide metabolism and nutrition). Nutrition in prevention of osteoporosis. Nutrition and immunity. Methods of	



monitoring of nutrition related risk factors of chronic diseases and methods of regulation of nutrition modifications in prevention of diseases and protection of health.						
<b>Recommended literature:</b> Obligatory literature: JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: KISSOVÁ, V. Základy klinickej výživy: učebný text pre študentov medicíny. Bratislava: UK, 2016, 67 s. ISBN: 9788022340922 MÜLLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99s. BEŇO, I. Náuka o výžive. Martin: Osveta, 2008, 158s., ISBN 978-80-806-3294-6 KOHOUT, P.: Klinická výživa. Praha: GALEN, 2021, 944 s.						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
88,89	0,0	11,11	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Eva Malobická, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-045/17	<b>Course title:</b> Objectification of Environmental Factors
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-028/16 - Preventive Occupational Medicine (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Final test (36 questions per 2 points) max. 72 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands possibilities of studying of environment and working conditions having influence on population health. He/she understands problems of collecting information on quality of water, food and objects of common use, indoor and outdoor air as well as information on the analysis of biological material and monitoring of physical factors.	
<b>Class syllabus:</b> Objectification of environmental factors, testing methods. Elements of living and working environment. Methods of taking samples and their conservation. Present trends of analysis of chemical, microbiological and biological indicators in water, food and objects of common use. Analysis of air and biological material. Methods of measurement of physical factors. Statistical characteristics and validation of analytic methods.	

**Recommended literature:**

Obligatory literature:

ČAJDOVÁ, J. Objektívizácia faktorov životného a pracovného prostredia I. Martin: MEFANET JLF UK, 2021, 100 s. ISBN: 978-80-8187-096-5, <https://portal.jfmed.uniba.sk/clanky.php?aid=438>

Recommended literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

**Languages necessary to complete the course:****Notes:****Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
37,04	0,0	55,56	7,41	0,0	0,0	0,0

**Lecturers:** Ing. Stanislav Kuka, PhD., doc. MUDr. Elena Nováková, PhD., Mgr. Martin Novák, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPF/J-1-VZ-006/15	<b>Course title:</b> Pathological Anatomy and Pathological Physiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Assessment of students is carried out in the form of test of continuous assessment of the study and written examination test, minimum passing score is 60%. Assessment scale: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 60 % and less. Scale of assessment (preliminary/final): Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student will understand the basic morphological and functional manifestations of diseases, gain knowledge about the basic groups of causes of diseases, the mechanisms involved in the origin and development of symptoms and signs of diseases, biopsy and other methods that help diagnose diseases.	
<b>Class syllabus:</b> Introduction to the study of pathological anatomy and pathological physiology, etiology and pathogenesis. External factors of disease origin and development (physical, chemical, biological). Biopsy and cytology in pathology. Inflammation. Overview of immunopathological processes. Neoplasia, benign and malignant neoplasmas and their characteristic. Disorders of thermoregulation. Stress. Pathophysiology of shock. Disturbances of homeostasis - causes and mechanisms of disorders of water and electrolyte metabolism, causes and mechanisms of disorders of acid-base balance. Pathophysiology of nutrition. Diabetes mellitus. Pathology and pathophysiology of ischemic heart disease. Pathophysiology of arterial hypertension. Pathophysiology of heart failure.	

Disorders of the arterial and venous systems of the lower extremities. Pathology and pathophysiology of diseases of the gastrointestinal tract and peritoneum. Hepatobiliary disorders. Pathology and pathophysiology of the most important respiratory diseases. Functional consequences of the most important respiratory diseases, respiratory insufficiency. Pathology and pathophysiology of the most important urinary tract diseases, clinical syndromes in renal diseases, acute and chronic renal failure. Pathology and pathophysiology of the of the most important central nervous system disorders. Overview of blood pathology. Overview of pathology of the male and female reproductive system, pathological conditions associated with pregnancy.						
<b>Recommended literature:</b> Plank, L., Hanáček, J. a kol. Patologická anatómia a patologická fyziológia. Martin: Osveta , 2007. 285 s. ISBN 978-80-8063-241-0						
<b>Languages necessary to complete the course:</b> Slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
0,0	0,0	14,55	27,27	20,0	34,55	3,64
<b>Lecturers:</b> prof. MUDr. Renata Péčová, PhD., prof. MUDr. Katarína Adamicová, PhD., MUDr. Tomáš Balhárek, PhD., MUDr. Michal Kalman, PhD., MUDr. Petra Kolenčíková, PhD., MUDr. Juraj Marcinek, PhD., MUDr. Jozef Mičák, PhD., prof. MUDr. Lukáš Plank, CSc.						
<b>Last change:</b> 17.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚFa/J-1-VZ-037/16	<b>Course title:</b> Pharmacology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> During semester: Passing two written tests. Final exam: Written test. Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 60 % and lower. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> The graduate of Bachelor's study knows by subjects graduation: From the field of General pharmacology – route of drugs administration particularly in terms of onset and duration of action, parenteral way of administration in nursing practice, principles of drugs storage, the rules for handling drugs classified among psychotropic and narcotic substances, principles of poisoning treatment by selected drugs groups with the administration of specific antidotes, characteristics of drugs doses (single, daily, maximum, Etc.), drugs interact with food and drink, peculiarities of therapy according to age. From the field of Special pharmacology – characteristic of individual pharmacological groups and agents, effects (desirable and side), most essential contraindications.	
<b>Class syllabus:</b> Basic definition in pharmacology, HVLP, IPL, „narcotic law“, toxicomania. The route of drug administrations, drug dosage, side effects, and drug interaction. <ul style="list-style-type: none"> <li>• Factors affecting of drugs effect, Peculiarities of therapy according to age.</li> <li>• Pharmacology of autonomic nervous system</li> <li>• Pharmacology of central nervous system</li> <li>• Opioid analgesics, Pain management</li> <li>• Non-opioid analgesics, Antirheumatics</li> <li>• Pharmacology of cardiovascular system</li> <li>• Pharmacology of gastrointestinal system</li> <li>• Pharmacology of respiratory system</li> <li>• Antimicrobial drugs</li> <li>• Drugs affecting the function of the endocrine glands</li> <li>• Treatment of drug poisoning</li> </ul>	

- Disinfectants and antiseptics
- Toxicomanias

**Recommended literature:**

Tisoňová, J., Kriška, M. a kol. Základy farmakológie pre nelekárske študijné odbory. Univerzita Komenského, Bratislava, 2007, 292 s.

Mirossay, L., Mojžiš, J. Základy všeobecnej a špeciálnej farmakológie. Sapiencia, Bratislava, 2006, 208 s.

**Languages necessary to complete the course:**

Slovak language

**Notes:**
**Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
5,56	0,0	22,22	36,11	22,22	13,89	0,0

**Lecturers:** prof. RNDr. Soňa Fraňová, PhD., prof. MUDr. Mgr. Juraj Mokrá, PhD., doc. MUDr. Martina Šutovská, PhD., doc. MUDr. Marta Jošková, PhD., PharmDr. Martin Kertys, PhD.

**Last change:** 10.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin						
<b>Course ID:</b> JLF.ÚTV/J-1-VZ-TV1/15		<b>Course title:</b> Physical Education (1)				
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 1						
<b>Recommended semester:</b> 1.						
<b>Educational level:</b> I.						
<b>Prerequisites:</b>						
<b>Course requirements:</b> prezence						
<b>Learning outcomes:</b> The graduate of this subject personify his attitude to the necessity of healthy life style. He will understand the health sense of active movement for the human health. He will bring into his attitude and conviction the role of active movement, sport as a effective prevention against civilization illnesses of today as a part of therapy to improve the state of health of the whole population. He will become own surely about the importance of sport and motion activities by harmonic young human character progress.						
<b>Class syllabus:</b> Deepen the base of collective games knowledge (basketball, volleyball, football, floorball, hockeyball). Explain and show the rules on examples. Collective games needs integration of individual ability and skills for its profit to the whole collective. All listed games support the active life style and offer progress of balance between physical and mental work of students at medical faculty.						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Jozef Šimeček						
<b>Last change:</b> 19.03.2018						
<b>Approved by:</b>						



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin						
<b>Course ID:</b> JLF.ÚTV/J-1-VZ-TV2/15		<b>Course title:</b> Physical Education (2)				
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 1						
<b>Recommended semester:</b> 2.						
<b>Educational level:</b> I.						
<b>Prerequisites:</b>						
<b>Course requirements:</b> presence						
<b>Learning outcomes:</b> The graduate of this subject personify his attitude to the necessity of healthy life style. He will understand the health sense of active movement for the human health. He will bring into his attitude and conviction the role of active movement, sport as a effective prevention against civilization illnesses of today as a part of therapy to improve the state of health of the whole population. He will become own surely about the importance of sport and motion activities by harmonic young human character progress.						
<b>Class syllabus:</b> Deepen the base of collective games knowledge (basketball, volleyball, football, floorball, hockeyball). Explain and show the rules on examples. Collective games needs integration of individual ability and skills for its profit to the whole collective. All listed games support the active life style and offer progress of balance between physical and mental work of students at medical faculty.						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Jozef Šimeček						
<b>Last change:</b> 19.03.2018						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-055/17	<b>Course title:</b> Population Health and Demography
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Short written knowledge verification max. 10 points c) Continuous test max. 26 points d) Presentation of demography analysis (World) max. 5 points e) Presentation of demography analysis (Slovakia) max. 5 points f) Final test max. 26 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands essentials of demographic trend and its importance for public health. He/she is able to apply basic demographic indices in public health. He/she understands global problems related to population growth, features of population measures, their implementation and effectiveness. He/she understands multidisciplinary character of population policy, its goals and needs.	

**Class syllabus:**

Basics of demographic concept, demographic indicators. Demographic statics. Demographic dynamics. Demographic development in the world and in Europe, the theory of demographic revolutions. Demographic development in Slovakia. Population forecasts and projections. Population policy, demographic change and its impact on the economy.

**Recommended literature:**

Obligatory literature:

RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013

Recommended literature:

JURČOVÁ D.: Krátky slovník základných demografických pojmov. Bratislava: Infostat, 2005  
Publikácie zo stránky Štatistického úradu SR

**Languages necessary to complete the course:**

slovak

**Notes:****Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
59,26	0,0	25,93	11,11	3,7	0,0	0,0

**Lecturers:** Mgr. Jana Zibolenová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-053/19	<b>Course title:</b> Practice in Hygiene and Epidemiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 20 per level/semester: 280</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/16 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-031/16 - Hospital Hygiene and JLF.ÚVZ/J-1-VZ-062/16 - Public Health Legislation	
<b>Recommended prerequisites:</b> Environmental Hygiene 2, Nutrition Hygiene 2, Hospital Hygiene, Public Health Legislation	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 point for each day) max. 46 points b) Report on practice up to now max. 20 points Content of the report (on 2 selected departments): - Characteristics of the department (scope of work) - Description of all situations dealt with during the practice in the department - Benefit for the student The prepared report should be submitted to the secretariat of the Department of PH JFM CU c) Final oral exam (20 questions per 3 points) max. 34 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	

<b>Learning outcomes:</b> After completion of the practice, the students is able to apply professional knowledge, skills and competence in the departments of the Regional Public Health Authorities: - to be actively involved in work schedule in appointed departments - to specify the organization of work in the departments of epidemiology, preventive occupational medicine, environmental hygiene, nutrition hygiene, child and youth hygiene and health education						
<b>Class syllabus:</b> Legislation in 'preventive occupational medicine, epidemiology, environmental hygiene, hygiene of children and adolescents and nutritional hygiene. Frameworks of activities in health counselling centres (blood pressure measurement, standard techniques of basic anthropometric measurements). Practical employment of table and database editors in descriptive statistics and basic statistical analyses, work with demographic datasets and databases in interactive online interface within a framework of epidemiology, nutritional hygiene, preventive occupational medicine, hygiene of children and adolescents as well as environmental hygiene.						
<b>Recommended literature:</b> Obligatory literature: Aktuálne platné právne predpisy Recommended literature: ROVNÝ, I. a kol Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3 ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011. ISBN: 9788089057337						
<b>Languages necessary to complete the course:</b> slovak						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 19						
A	ABS0	B	C	D	E	FX
42,11	0,0	26,32	15,79	10,53	5,26	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, Mgr. Jana Zibolenová, PhD., RNDr. Mária Marušiačková, PhD., MPH, Mgr. Martin Novák, PhD., Mgr. Eliška Štefanová, PhD.						
<b>Last change:</b> 17.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-028/16	<b>Course title:</b> Preventive Occupational Medicine (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚLBch/J-1-VZ-067/18 - Biochemistry and JLF.ÚLBf/J-1-VZ-068/18 - Biophysics and Radiology and JLF.ÚMI/J-1-VZ-020/16 - Microbiology (2) and JLF.ÚVZ/J-1-VZ-009/15 - Introduction into the Public Health and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each session) max. 21 points b) Continuous test max. 39 points c) Final test max. 40 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the course, the student understands essential knowledge on preventive occupational medicine, risk factors of occupational environment, basic principles of interaction between risk factors and organism. He/she understands preventive and repressive measures in preventive occupational medicine as well as health protection promotion in workplaces.	
<b>Class syllabus:</b>	

Preventive occupational medicine in historical and health care context. Physical, chemical and biologic factors in occupational environment. Solid aerosols in workplaces. Factors with genotoxic effects. Ergonomics. Occupational stress. Risk assessment and risk management. Evaluation of an occupational risk in selected professions. Work of females, adolescents and persons with affected working ability. Health protection in workplaces, prevention of occupational diseases and relevant legislation. First aid in a workplace.						
<b>Recommended literature:</b> Obligatory literature: Legáth, L., Buchancová, J. a kol. Pracovné lekárstvo. Vybrané kapitoly. Martin: Osveta, 2020. 295 s. ISBN 978-80-8063-493-3 Mullerová, D. a kol. Hygiena, preventívni lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2 Jurkovičová J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5 Recommended literature: Buchancová, J. a kol.: Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1.						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 36						
A	ABS0	B	C	D	E	FX
63,89	0,0	30,56	5,56	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Tibor Baška, PhD., RNDr. Mária Hrušková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, doc. RNDr. Ľudovít Mušák, PhD., prof. MUDr. Janka Buchancová, CSc., Mgr. Romana Ulbrichtová, PhD.						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-046/17	<b>Course title:</b> Preventive Occupational Medicine (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-028/16 - Preventive Occupational Medicine (1)	
<b>Course requirements:</b> Evaluation a) 100% attendance (1 points for each session) max. 21 points b) PowerPoint presentation max. 19 points c) Final test max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) *checked practical outcomes Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands essential knowledge and legislation related to hazardous works. He/she understands problems of professional risks, their management and preventive measures. He/she understands significance of the discipline and is able to apply the knowledge in prevention and social thinking.	
<b>Class syllabus:</b> Definition, characteristics and a valid legislation on hazardous works. Health disorders caused by physical, chemical and biological factors. Assessment and control of chemical carcinogens in a workplace. Selected diseases caused by physical factors. Occupational toxicology and pathology of selected diseases. Mutual influence of occupational conditions and environment. Assessment	



of professional risks and their management, categories and declaring of hazardous works. Occupational history. Collection of biologic materials for toxicological examination, principles of appropriate laboratory practice, operation of a laboratory of industry toxicology in diagnosis of intoxications. Prevention of health disorders in healthcare works.

**Recommended literature:**

Obligatory literature:

OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET)

Legáth, L., Buchancová, J. a kol. Pracovné lekárstvo. Vybrané kapitoly. Martin: Osveta, 2020. 295 s. ISBN 978-80-8063-493-3

Mullerová, D. a kol. Hygiena, preventívni lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2

Recommended literature:

Buchancová, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1.

Pelclová, D. a kol. Nemoci z povolání a intoxikace. Praha: UK, 2006, 207 s. ISBN 80-246-1183-X

**Languages necessary to complete the course:**

slovak, czech

**Notes:**

**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
33,33	0,0	44,44	22,22	0,0	0,0	0,0

**Lecturers:** prof. MUDr. Tibor Baška, PhD., Mgr. Róbert Čecho, PhD., MUDr. Tibor Záborský, PhD., MPH, Mgr. Romana Ulbrichtová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-012/15	<b>Course title:</b> Professional Ethics
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> --	
<b>Course requirements:</b> 100 % presence on practical Preparation of the final test min. to 60%. Scale of assessment (preliminary/final): 40/60 Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> The student knows the basic principles of medical ethics. He is able to apply the basic principles in the basic ethical issues in public health.	
<b>Class syllabus:</b> Introduction to the subject. Basic concepts (ethics, morality, law, religion - their relationship). Sources of medical ethics (Hippocratic tradition, Judeo-Christian traditions, modern philosophical directions, holism). Basic principles of medical ethics. Professional organizations in health care. Ethical codes of health professions. Environmental Ethics (bases environmentálno - ethical reasoning, non-anthropocentric ethical theories, animal rights). Ethical principles of conflict prevention (ethical aspects of communication in health, information, informed consent and informed rejection. Damage to the patient's medical staff. Confidentiality, privacy). Selected ethical issues department. Ethical aspects of health care human (physical, mental, ....). Support human health and the health professionals. Research Ethics. Ethics publication. Ethics Commissions in Slovakia.	
<b>Recommended literature:</b> NEMČEKOVÁ, M., ŽIAKOVÁ, K., MIŠTUNA, D. 2004. Práva pacientov : medicínske, ošetrovateľské a filozoficko-etické súvislosti. Martin: Vydavateľstvo Osveta, 2004. 198 s. HANÁČEK, J., JAVORKA, K. a kol. 2008. Základy vedeckovýskumnej práce. Martin: Vydavateľstvo Osveta, 2008. 215 s.	

ŽIAKOVÁ, K. a kol. 2009. Ošetrovateľstvo-teória a vedecký výskum .Martin: Vydavateľstvo Osveta, 2009. 323 s.

Zákon č. 576/2004 Z. z. NR SR o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.

Etický kódex zdravotníckeho pracovníka, príloha č. 4 zákona č 578/2004. Dostupné aj na: [http://vz.truni.sk/Prednasky/Organizacia%20zdravotnictva/eticky\\_kodex.htm](http://vz.truni.sk/Prednasky/Organizacia%20zdravotnictva/eticky_kodex.htm) ; [www.lekom.sk/?category=folder&folderId=39](http://www.lekom.sk/?category=folder&folderId=39)

Charta práv pacienta v Slovenskej republike. Dostupné na: [www.lvn.sk/infopac/pravapac](http://www.lvn.sk/infopac/pravapac) ; [www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov](http://www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov).

Európska charta práv pacienta. Dostupné na: [www.udzs.sk/buxus/generate\\_page.php?page\\_id=179](http://www.udzs.sk/buxus/generate_page.php?page_id=179) ; [www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov](http://www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov).

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
60,71	0,0	28,57	8,93	1,79	0,0	0,0

**Lecturers:** doc. Mgr. Martina Bašková, PhD., Mgr. Bc. Eva Urbanová, PhD., doc. PhDr. Simona Kelčíková, PhD.

**Last change:** 22.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-010/15	<b>Course title:</b> Psychology and Basics of Communication I. (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Student assessment takes the form of a written test, minimum limit for success: 60%. Rating: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> After completion of the subject the student understands the basic terms of psychology, he is able to adequately use them; to orientate in literature and to critically evaluate scientific contributions of individual schools and prominent individuals in Psychology. By completing the course the student obtains basic information about the functioning of human mental processes. He acquaints himself with changes in personality, behaviour, actions and mental processes.	
<b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- The definition of psychology as a science, disciplines of psychology, psychology in relation to related fields.</li> <li>- Basic psychological concepts: psyche, consciousness, unconsciousness, behaviour.</li> <li>- The most important psychological schools and orientations (psychoanalysis-Sigmund Freud, Jung, Adler A., neopsychoanalysis).</li> <li>- Behaviourism-JB Watson, BF Skinner, humanistic psychology: A Maslow, C. Rogers.</li> <li>- The current integrative view of psychological theory.</li> <li>- The consciousness and altered states of consciousness.</li> <li>- Perception, sensory processes, principles of perception</li> <li>- Memory, theory of forgetting, attention.</li> <li>- Thinking and learning, learning theory, will</li> <li>- Personality, personality typology, temperament, character, ability, bio-psycho-social understanding of the personality.</li> <li>- Psychology of emotions and motivation</li> <li>- Developmental psychology: determination of the human psyche development, maturation, developmental crisis a critical periods in human development</li> <li>- Erikson's psychosocial development theory</li> <li>- Cognitive development, moral development (Piaget, Kohlberg)</li> </ul>	

**Recommended literature:**

Nakonečný, M. Obecná psychologie. Praha: Triton, 2016. 664 s. ISBN 978-80-7387-929-7  
Říčan, P. Psychologie. 4. vyd. Praha: Portál, 2013. 304 s. ISBN 978-80-262-0532-6  
Plháková, A. Učebnice obecné psychologie. Praha: Academia, 2007. 472 s. ISBN 80-200-1499-3  
Plháková, A. Dejiny psychologie. Praha: Grada, 2006. 328 s. ISBN 80-247-0871-X  
Říčan, P. Psychologie osobnosti. Praha: Portál, 2010. 208 s. ISBN 978-80-247-3133-9  
Vágnerová, M. Vývojová psychologie. Praha: Portál, 2000. 528 s. ISBN 80-7178-308-0  
Drapela, V. J. Přehled teorií osobnosti. Praha: Portál, 2004. 175 s. ISBN 978-80-262-0040-6  
Hall, C.S., Lindzey, G. Psychológia osobnosti. Bratislava: SPN, 2002. 510 s. ISBN 80-08-00994-2  
Sternberg, R.L. Kognitivní psychologie. Praha: Portál, 2002. 636 s. ISBN 80-7178-376-5

**Languages necessary to complete the course:**

Slovak language/Czech language

**Notes:****Past grade distribution**

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
53,57	0,0	26,79	10,71	5,36	3,57	0,0

**Lecturers:** doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.

**Last change:** 25.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-011/15	<b>Course title:</b> Psychology and Basics of Communication I. (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-VZ-010/15 - Psychology and Basics of Communication I. (1)	
<b>Course requirements:</b> Student assessment takes the form of presentation of essay (controlled practical outcome 28 h.) and written examination (14 h. controlled self-study - study of literature preparation for exam), minimum limit for success: 60%. Rating: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student obtains fundamental information about regularities of human psyche development and individual's functioning in social groups, interpersonal communication and its significance in health-care professions. The student understands changes in personality, behavior, actions and mental processes in relation to age; the social behavior of individual in terms of both internal characteristics (personality, motives) and external influences (social environment, family). The student understands principles of professional interview, the importance of active listening and empathy; is able to identify and interpret contents of verbal and non-verbal communication. This course contributes to development of students' social skills.	
<b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- Developmental changes in adolescence and early adulthood.</li> <li>- Adolescence - matters of personal identity.</li> <li>- Developmental changes in middle and late adulthood.</li> <li>- Adulthood – main developmental tasks, professional identity.</li> <li>- Agedness and developmental psychology.</li> <li>- Health psychology. Stress and theories of stress.</li> <li>- Challenging life situations, frustration, conflict, PTSD, burn-out.</li> <li>- Psychological problems in specific group of patients (children, elderly), adjustment to illness, coping with diagnosis.</li> <li>- Psychosomatic a behavioral medicine, relation between psyche and somatic processes, bio-psycho-social model of health and disease, quality of life.</li> <li>- Attitudes towards illness, coping- handling a pressure, salutogenesis, psychological aspects of pain, gender and health psychology.</li> </ul>	

- CAN syndrome, violence in family, sources of assistance.
- Presentation in public, reasoning exercises.
- Dialogue, active listening in communication.
- Non-verbal communication and its significance for professional communication.
- Decision-making in groups. Coping strategies a relaxation.
- Conformity, power in relationships.
- Social skills and their significance in professional communication, assertiveness.
- Critique and handling of affective attack in communication.
- Conflicts and their solving.

**Recommended literature:**

Říčan P.: Psychologie- příručka pro studenty, Praha, Portál, 2009.  
 Atkinson E.C.: Psychológia, Praha, Victoria Publishing, 1995.  
 Vágnerová M.: Vývojová psychológia, Praha, Portál, 2000.  
 Baštecká B., Goldman P.: Základy klinické psychologie, Praha, Portál, 2001.  
 Vybíral Z.: Psychologie komunikace, Praha, Portál, 2009.  
 Vymětal J.: Průvodce úspěšnou komunikací, Praha, Grada, 2008.  
 Belz H., Siegrist M.: Klíčové kompetence a jejich rozvíjení. Praha: Portál, 2001.

**Languages necessary to complete the course:**

Slovak language/Czech language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
58,93	0,0	14,29	14,29	3,57	7,14	1,79

**Lecturers:** doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD., Mgr. Zuzana Škodová, PhD.

**Last change:** 07.04.2022

**Approved by:**

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-SS2/17	<b>Course title:</b> Public Health (1)
<b>Number of credits:</b> 10	
<b>Educational level:</b> I.	
<b>Recommended prerequisites:</b> The student can perform the state exam in the regular term, assigned by schedule of the study, after fulfillment of tasks determined by the study program.	
<b>Course requirements:</b> Evaluation Conditions for passing of the state exam: 1 Defence of the bachelor thesis Evaluation involves four parts a) Evaluation of a supervisor/tutor b) Evaluation of an opponent c) Presentation of a thesis d) Discussion Criteria for evaluation of bachelor final theses of supervisors and opponents in Public Health study program: <ul style="list-style-type: none"> <li>• Title of the thesis – consistence with its content as well as consistence of individual chapters with their content</li> <li>• Abstract – informative, clear, understandable</li> <li>• Development of a complex appropriately interpreting technical and scientific knowledge, logical structure of the thesis, mutual interconnection of its chapters, appropriate extent of the chapters</li> <li>• goals of the thesis – clear, understandable, objectively evaluable</li> <li>• conclusions – appropriate and pertinent formulation</li> <li>• literature – appropriate, selection of representative international and domestic literature, currentness of the resources</li> <li>• formal arrangement – neat, clear, correct stylisation and grammar</li> </ul> Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) 2. Public Health I Evaluation involves following parts: a) Practical part of the exam (a student draws one from 30 questions): <ul style="list-style-type: none"> <li>- Proposal of procedure how to deal with a model situation</li> <li>- Assessment of a shown protocol</li> </ul>	



<p>b) Theoretical part of the exam (a student draws one from 25 complex questions)</p> <p>Final evaluation (max. 100 points)</p> <p>Achieved points Evaluation/grade</p> <p>100 – 91 A (excellent - 1)</p> <p>90 – 81 B (very good – 1.5)</p> <p>80 – 73 C (good - 2)</p> <p>72 – 66 D (satisfactory – 2.5)</p> <p>65 – 60 E (sufficient - 3)</p> <p>59 and less Fx (fail - 4)</p> <p>2 Public Health I</p> <p>Evaluation involves following parts:</p> <p>a) Practical part of the exam (a student draws one from 30 questions):</p> <ul style="list-style-type: none"> <li>- Proposal of procedure how to deal with a model situation</li> <li>- Assessment of a shown protocol</li> </ul> <p>b) Theoretical part of the exam (a student draws one from 25 complex questions)</p> <p>Final evaluation (max. 100 points)</p> <p>Achieved points Evaluation/grade</p> <p>100 – 91 A (excellent - 1)</p> <p>90 – 81 B (very good – 1.5)</p> <p>80 – 73 C (good - 2)</p> <p>72 – 66 D (satisfactory – 2.5)</p> <p>65 – 60 E (sufficient - 3)</p> <p>59 and less Fx (fail - 4)</p> <p>Scale of assessment (preliminary/final): 100/100</p>
<p><b>Learning outcomes:</b></p> <p>The student demonstrates theoretical knowledge in general and preventive medical disciplines to be employed in promotion and protection of health, in educating and motivating for healthy life-style of individuals, families, communities as well as the whole society. The student commands principles of protection and improvement of health through strategies of disease prevention, research of impact of an environment and life-style on human health, promotion and strengthening of health. He/she has got theoretical abilities to apply in practice epidemiological and statistical methods of work. The student commands legislation related to public health, health care as well as performance of the state health supervision. He/she has got abilities and skills to provide preventive activities in accordance with the principles of the state health policy on all levels.</p>
<p><b>Class syllabus:</b></p> <p>Preparation for the state exam through self-study employing theoretical knowledge gained during the study and practical skills (gained during a summer practice after the 2nd year of study of bachelor study programme of Public Health as well as during a practice in hygiene and epidemiology in the 3rd year of study).</p> <p>Practical part of the state exam:</p> <ul style="list-style-type: none"> <li>- proposal of approach to solve a model situation</li> <li>- evaluation of a presented record</li> </ul> <p>Theoretical part of the state exam:</p> <ul style="list-style-type: none"> <li>- responding to a complex question to present comprehensive theoretical knowledge on a given problem</li> </ul>
<p><b>State exam syllabus:</b></p> <p>The content includes articles Public Health completed within the Bachelor study</p>

### Recommended literature:

Recommended literature:

1. JURKOVIČOVÁ, J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5
2. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0
3. BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0
4. KLEMENT, C. Verejné zdravotníctvo. História, Súčasnosc', Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1 BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7
5. OZOROVSKÝ, V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686
6. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7
7. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s.
8. MULLEROVÁ, D. A kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2
9. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s.
10. ŠVIHROVÁ, V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6
11. ŠVIHROVÁ, V., BUCHANCOVÁ, J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9
12. LEGÁTH, L., BUCHANCOVÁ, J. a kol. Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020, 295 s. ISBN 978-80-8063-493-3
13. OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET
14. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3.
15. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s.
16. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti. [www.slov-lex.sk](http://www.slov-lex.sk), <http://eur-lex.europa.eu/homepage.html?locale=sk>
17. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.
18. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2
19. <https://moodle.uniba.sk/>
20. Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
21. SCOPUS. Dostupné na: [www.scopus.com](http://www.scopus.com)
22. ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>
23. LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: [http://stella.uniba.sk/texty/LL\\_pisanie\\_obhajoba\\_zaverecne\\_prace.pdf](http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf)
24. Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Dostupné na: [https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp\\_2018\\_07.pdf](https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf)
25. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútný predpis č. 43/2013).

Dostupné na: <a href="http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf">http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf</a>
<b>Languages necessary to complete the course:</b> slovak, czech, english
<b>Last change:</b> 17.03.2022
<b>Approved by:</b>

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-062/16	<b>Course title:</b> Public Health Legislation
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-060/15 - Law and Legislation in Healthcare	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Continuous evaluation: 20 questions test (2 points per question) max. 40 points c) Model situation max. 32 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) *checked practical outcomes Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands essential legislation in public health and is able to apply it in a practice.	
<b>Class syllabus:</b> Legislation in public health, protection, promotion and development of health Act No. 335/2007 Coll on protection, promotion and development of public health as amended. Organization and operation of public health Prevention of diseases and other health disorders - professional competencies, healthy living and occupational condition, radiation protection, threatening of public health. Other obligation of individual and legal persons State Health Supervision. Offenses and other legal delicts	

**Recommended literature:**

Obligatory literature:

Legislatíva SR, EU

Platná legislatíva SR a EU

[www.slov-lex.sk](http://www.slov-lex.sk)

<http://eur-lex.europa.eu/homepage.html?locale=sk>

Recommended literature:

ROVNÝ, I. a kol.: Vybrané kapitoly verejného zdravotníctva II. Banská Bystrica: PRO, 2013. 895 s. ISBN: 978-80-89057-44-3

**Languages necessary to complete the course:**

slovak

**Notes:****Past grade distribution**

Total number of evaluated students: 37

A	ABS0	B	C	D	E	FX
45,95	0,0	27,03	24,32	2,7	0,0	0,0

**Lecturers:** MUDr. Tibor Záborský, PhD., MPH, RNDr. Mária Marušiaková, PhD., MPH, prof. MUDr. Henrieta Hudečková, PhD., MPH

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-056/17	<b>Course title:</b> Research in Public Health I.
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-050/17 - Basics of Scientific Research Work	
<b>Course requirements:</b> Content of the course Evaluation of the course The course content consist from contact teaching, supervised self-study and development of final bachelor thesis guided by a tutor. Student should during the semester continuously document progress of final bachelor thesis development through concrete outcomes (bibliographic search, study of literature, outline of the thesis, text drafts, graphical formatting etc.). The progress is continuously documented in Student's Working Diaries (SWDs) I and II. The student should prove via SWDs at least 28 working hours and document concrete outcomes obtained within this time. Course evaluation is based on SWDs and proposal of the tutor of the bachelor thesis. Evaluation a) Student's Working Diary I max. 50 points b) Student's Working Diary II max. 50 points Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands essential principles of scientific research in public health in extend needed for final thesie. He/she understands the most important terms used in science. He/she is able to apply epidemiological methods to critically appraise professional information.	

**Class syllabus:**

Practical employment of scientific information in public health within a framework of supervised development of bachelor thesis: study of literature, using of bibliographic databases, critical appraisal of scientific information, bibliographic search, making of synopsis of a review thesis, synthesis of a scholar text and its revision, using of graphs and tables, formal text editing.

**Recommended literature:**

Obligatory literature:

<https://moodle.uniba.sk/>

Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave: [https://uniba.sk/fileadmin/ruk/legislative/2018/Vp\\_2018\\_07.pdf](https://uniba.sk/fileadmin/ruk/legislative/2018/Vp_2018_07.pdf)  
Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných(bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútny predpis č. 43/2013).

Available at: [http://www.jfmed.uniba.sk/fileadmin/user\\_upload/editors/Sekretariat\\_Files/Vnutorne\\_predpisy\\_2013/VP\\_2013\\_43\\_zaverecne\\_prace.pdf](http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf)

Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: [www.scopus.com](http://www.scopus.com)

ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

LIČNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul Dostupné na: [http://stella.uniba.sk/texty/LL\\_pisanie\\_obhajoba\\_zaverecne\\_prace.pdf](http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf)

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

**Languages necessary to complete the course:**

slovak, english

**Notes:****Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
96,3	0,0	0,0	3,7	0,0	0,0	0,0

**Lecturers:** prof. MUDr. Tibor Baška, PhD.

**Last change:** 07.04.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-030/16	<b>Course title:</b> Social Medicine (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Introduction to Public Health, Biostatistics	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) Continuous test from first 3 topics (18 questions per 2 point) max. 36 points c) PowerPoint presentation (12 point for presentation) max. 12 points d) Final written exam from topics 4-6 (12 questions per 2 points) max. 24 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 30 points until end of the 7th week and 60 points in final evaluation are needed.. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the course, the student understands history of social medicine and its role in medical sciences. He/she is able to apply knowledge on international health organizations, institutions as well as their activities.	



**Class syllabus:**

History of the social medicine. International cooperation in public health. World Health Organization, European Centre for Disease Control, Red Cross Society. Health for all in 21st century. Nosology, terminology and the International Classification of Diseases. Obligatory notification of diseases, statistics of healthcare facilities, healthcare workers and their activities. International cooperation in healthcare. Interdepartmental cooperation in healthcare and prevention. National Program of Health Promotion in Slovak Republic. Characteristics of specific population groups and related problems.

**Recommended literature:**

Obligatory literature:

OZOROVSKÝ, V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686

Recommended literature:

ONDRUŠ, P. Svetové zdravotnícke systémy v čase globalizácie. P+M, Turany, 2014. 320 s. ISBN 978-80-89057-47-4

TESAŘ, T. a kol. Hodnotenie zdravotníckych technológií: Úvod do problematiky. Bratislava: SAP, 2014. 96 s. ISBN 978-80-89607-23-5

Materiály dostupné na internete:

<http://www.health.gov.sk>

<http://www.uvzsr.sk>

**Languages necessary to complete the course:**

slovak, czech

**Notes:****Past grade distribution**

Total number of evaluated students: 36

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

**Lecturers:** prof. MUDr. Viera Švihrová, CSc., PhDr. Marta Tkáčová, PhD., Mgr. Martin Novák, PhD.

**Last change:** 17.03.2022

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-047/17	<b>Course title:</b> Social Medicine (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Social Medicine 1	
<b>Course requirements:</b> Evaluation a) 100% attendance (2 points for each session) max. 28 points b) PowerPoint presentation max. 12 points b) Final oral exam (2 questions) max. 60 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands valid legislation on providing of health care as well as the most significant moral-legal and ethical problems related to providing of health care.	
<b>Class syllabus:</b> Governmental administration in healthcare. Systems of providing of healthcare. Essential legal regulations on healthcare providing. Education of healthcare workers. Organization of healthcare in Slovakia, management in healthcare. E-health and information technologies in healthcare. Moral-	

legal and social aspects of healthcare. Public health, organizational structure and its position in healthcare system.						
<b>Recommended literature:</b> Obligatory literature: Ozorovský V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686 Materiály dostupné na internete: <a href="http://www.health.gov.sk">http://www.health.gov.sk</a> <a href="http://www.uvzsr.sk">http://www.uvzsr.sk</a> Aktuálne platná legislatíva zabezpečujúca poskytovanie zdravotnej starostlivosti.						
<b>Languages necessary to complete the course:</b> slovak						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
74,07	0,0	14,81	7,41	3,7	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Viera Švihrová, CSc., PhDr. Marta Tkáčová, PhD.						
<b>Last change:</b> 17.03.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-033/16	<b>Course title:</b> Social Psychology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-VZ-011/15 - Psychology and Basics of Communication I. (2)	
<b>Course requirements:</b> Student assessment takes form of a presentation of thesis and written test (20 h. controlled self-study - preparation for written exam), a minimum limit for success: 60%. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student obtains fundamental information about regularities of human psyche development and individual's functioning in social groups. The student understands changes in personality, behavior, actions and mental processes; the social behavior of individual in terms of both internal characteristics (personality, motives) and external influences (social environment, family).	
<b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- Determination of the human psyche development.</li> <li>- Socialization</li> <li>- Social norms, conscience.</li> <li>- Personality and it's role. Relationship between individual and group.</li> <li>- Large social groups, crowd.</li> <li>- Leader, leadership – leader's influence on the group, leadership in health-care facilities.</li> <li>- Family as a primary group, functions of the family, family functioning.</li> <li>- Communication and interaction in family.</li> <li>- Motivation of human behaviour.</li> <li>- Social behaviour, prosocial behaviour, cooperation and manipulation.</li> <li>- Empathy.</li> <li>- Asocial, antisocial, hostile behaviour. Aggression.</li> </ul>	
<b>Recommended literature:</b> Kollárik, T. a kol. Základy sociálnej psychológie. Bratislava: Eurokódex, 2014. 220 s. ISBN 97-8808-1550-300 Nakonečný, M. Motivace lidského chování. Praha: Academia, 2004. 272 s. ISBN 80-200-0592-7	

<p>Výrost, J., Slaměník, I. Sociální psychologie. Praha: ISV, 2008. ISBN 978-80-247-1428-8</p> <p>Kolektív autorov. Sociálna psychológia (Človek vo vzťahoch). Enigma, 2011. 295 s. ISBN 978-80-8133-002-5</p> <p>Slaměník, I., Výrost, J. a kol. Aplikovaná sociální psychologie II. Praha: Grada, 2001. ISBN 80-247-0042-5</p> <p>Oravcová, J. Sociálna psychológia. Banská Bystrica: UMB v Banskej Bystrici, 2004, 314 s. ISBN 80-8055-980-5</p>						
<p><b>Languages necessary to complete the course:</b> slovak language/czech language</p>						
<p><b>Notes:</b></p>						
<p><b>Past grade distribution</b> Total number of evaluated students: 37</p>						
A	ABS0	B	C	D	E	FX
43,24	0,0	32,43	8,11	13,51	0,0	2,7
<p><b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.</p>						
<p><b>Last change:</b> 07.04.2022</p>						
<p><b>Approved by:</b></p>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-066/17	<b>Course title:</b> State Health Supervision
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-062/16 - Public Health Legislation	
<b>Course requirements:</b> Evaluation a) 100% attendance max. 28 points b) Model situation max. 36 points c) Model situation max. 36 points *note: 1 point per 2 hours of class Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) A model situation according to the prevailing issues occurring in the professional activities of the Regional public health authority with the practical use of students' theoretical knowledge in the performance of state health supervision with an emphasis on a comprehensive assessment and management of the issue. Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student understands and is able to apply in practice respective legal regulations as well as authorization to provide state health supervision. He/she understands	

the problem of keeping of general obligatory legal regulations, conditions stated in an authorization as well as measures and instructions issued by relevant authorities for health protection.						
<b>Class syllabus:</b> State health supervision and its legislative framework in specific areas of public health (hygiene of nutrition, hygiene of children and adolescents, epidemiology, environmental hygiene, preventive occupational medicine). Authorization of persons performing state health supervision. Authorisation to take samples in appropriate quantity. Measures imposed by person performing state health supervision (legislation, restrictions, directives).						
<b>Recommended literature:</b> Obligatory literature: ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2013, ISBN: 9788089057443 Právne predpisy v oblasti ochrany, podpory a rozvoja verejného zdravia, verejného zdravotníctva v platnom znení <a href="http://www.slov-lex.sk">www.slov-lex.sk</a> ; <a href="https://eur-lex.europa.eu">https://eur-lex.europa.eu</a>						
<b>Languages necessary to complete the course:</b> slovak, czech						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
77,78	0,0	14,81	7,41	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Henrieta Hudečková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, RNDr. Mária Marušiaková, PhD., MPH						
<b>Last change:</b> 07.04.2022						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-VZ-017/15	<b>Course title:</b> Summer Practice (1)
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 30s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚPAs/J-1-VZ-018/15 - Nursing Techniques (1) and JLF.ÚPAs/J-1-VZ-019/15 - Nursing Techniques (2) and JLF.ÚCJ/J-1-VZ-013/22 - Medical Terminology	
<b>Course requirements:</b> The student in the record of practical procedures and processes in the hospital (department of surgery, internal medicine) must prove and submit a certificate: <ul style="list-style-type: none"> <li>•confirmation of participation in training on safety at work, record of arrivals and departures at work</li> <li>•submitting Record on practical performances and procedures</li> <li>•submitting the document with the evaluation of the head of the ward</li> </ul> Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> After Completing the course the student to gains skills in nursing procedures under the control of nurses. Become familiar with the principles of safety, is able for preparation the patient for nursing procedures. The student <ul style="list-style-type: none"> <li>• understands the system of work in department</li> <li>• is able to perform prescribed nursing procedures</li> <li>• is able to work actively in schedule of department.</li> </ul>	
<b>Class syllabus:</b> Principles of safety, personal hygiene, occupational hygiene. Principles of communication with the patient; adherence to ethical principles of confidentiality. Bandages and first-aid equipment. Dressings, Bandages, Binders. Infection Control, Asepsis, Antisepsis; Hand hygiene. Disinfection, sterilization. Bedmaking. Nutrition. Vital signs. Emptying. Medications; Injections.	



Specimen Collection. Organization and system work on the treatment unit. Hygiene - epidemiological mode; barrier system of stay.	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b> Slovak language, Czech language	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 52	
ABS0	M
100,0	0,0
<b>Lecturers:</b> doc. Mgr. Martina Bašková, PhD., doc. PhDr. Simona Kelčíková, PhD.	
<b>Last change:</b> 07.04.2022	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-VZ-038/16	<b>Course title:</b> Summer Practice (2)
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 120s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚVZ/J-1-VZ-024/16 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/16 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-031/16 - Hospital Hygiene and JLF.ÚVZ/J-1-VZ-062/16 - Public Health Legislation	
<b>Course requirements:</b> Practice schedule: <ul style="list-style-type: none"> <li>• Department of Epidemiology 28 hours</li> <li>• Department of Preventive Occupational Medicine 20 hours</li> <li>• Department of the Environment 20 hours</li> <li>• Department of Nutritional Hygiene 20 hours</li> <li>• Department of Children and Youth 20 hours</li> <li>• Department of Health Education 12 hours</li> <li>• During the practice, the student keeps a record of all tasks and activities in which he / she will participate. After completing the practice at the relevant department, he / she will have the working diary signed by the Regional Public Health Authority employee with whom he/she solved a professional problem or participated in a field work.</li> <li>• At the end of the entire practice, the director of the respective Regional Public Health Authority (or authorised employee) confirms the completion of the practice on the relevant form (ASSIGNMENT LETTER) and puts down the student's assessment.</li> <li>• After completion of the practice, students gives the assignment letter together with working diary to the secretary of the Public Health Department of the JFM CU.</li> <li>• After check, the diary is returned to the student.</li> </ul> Scale of assessment (preliminary/final): completion	
<b>Learning outcomes:</b> After completion of the practice, the students is able to apply professional knowledge, skills and competence in the departments of the Regional Public Health Authorities: <ul style="list-style-type: none"> <li>- to be actively involved in work schedule in appointed departments</li> <li>- to specify the organization of work in the departments of epidemiology, preventive occupational medicine, environmental hygiene, nutrition hygiene, child and youth hygiene and health education</li> </ul>	
<b>Class syllabus:</b> Epidemiology:	

<ul style="list-style-type: none"> <li>- organization of work in the department</li> <li>- notification of communicable diseases, Epidemiological Information System, notification of flu and flu-like diseases</li> <li>- work in the outbreak area</li> <li>- checking of vaccination</li> <li>- health facilities (Hygiene-epidemiological regime)</li> </ul> <p>Preventive occupational medicine</p> <ul style="list-style-type: none"> <li>- organization of work in the department</li> <li>- state health supervision in preventive occupational medicine in the given region</li> <li>- occupational diseases</li> </ul> <p>Environmental hygiene</p> <ul style="list-style-type: none"> <li>- organization of work in the department</li> <li>- state health supervision, food supervision</li> <li>- travelling</li> </ul> <p>Hygiene of child and youth</p> <ul style="list-style-type: none"> <li>- organization of work in the department</li> <li>- state health supervision</li> <li>- summer recreation actions</li> </ul> <p>Health education</p> <ul style="list-style-type: none"> <li>- organization of work</li> <li>- health-education activities</li> </ul> <p>implementation of tasks, projects and grants</p>
--

#### **Recommended literature:**

Obligatory literature:

Rovný, I. a kol: Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3

Aktuálna legislatíva

Recommended literature:

Buchancová, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1.

Rovný, I. a kol. Hygiena životného prostredia, Učebné texty FVZ SZU, 2004

Rovný, I., a kol. Starostlivosť o mladú generáciu, Učebné texty FVZ SZU, 2004

#### **Languages necessary to complete the course:**

slovak language

#### **Notes:**

#### **Past grade distribution**

Total number of evaluated students: 36

ABS0	M
100,0	0,0

**Lecturers:** prof. MUDr. Henrieta Hudečková, PhD., MPH

**Last change:** 07.04.2022

**Approved by:**