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COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚA/J-1-VZ-002/26	Anatomy

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 2 **per level/semester:** 28 / 28
Form of the course: on-site learning

Type, volume, methods and workload of the student - additional information
Form of instruction: Practical classes / Lectures
Recommended number of teaching hours:
Weekly: 2/2 Over the study period: 28/28
Mode of study: In-person

Number of credits: 4

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
To successfully complete the course, students are required to attend 100% of the practical classes, complete and submit all worksheets, and achieve a minimum score of 60% in the continuous assessment conducted in the form of written tests during the semester.
The course is completed with a final written examination in the form of a test.
Grading of the final examination test:
A: 91–100%, B: 81–90%, C: 73–80%, D: 66–72%, E: 60–65%, FX: 59% or less.
Scale of assessment (preliminary/final): 5/95

Learning outcomes:
Upon completion of the Anatomy course, the student:
demonstrates knowledge of the basic structure of the human body, with emphasis on the functions of individual organ systems, and uses basic medical and Latin anatomical terminology required for professional communication with physicians, healthcare professionals, public health specialists, and other members of a multidisciplinary team;
understands the structure of the major organ systems and their importance in maintaining individual and population health;
understands the functional and topographical relationships between organs and structures of the human body to the extent required for subsequent biomedical, preventive medicine, and public health courses;
is able to identify basic anatomical structures in images, models, virtual representations, and cadaveric specimens;
is able to interpret anatomical knowledge in relation to disease prevention, health promotion, risk factor assessment, and the effects of lifestyle, the working environment, and environmental factors on the human body;

is able to apply the acquired knowledge in subsequent courses, particularly physiology, pathophysiology, epidemiology, hygiene, preventive medicine, occupational medicine, health promotion, and public health practice.
Knowledge of anatomy provides a biological foundation for understanding the structure and function of the human body, the factors affecting health, and the mechanisms underlying the development of selected diseases. It enables graduates to better understand the relationships between the structure of the human body, lifestyle, occupational and environmental factors, disease prevention, and the protection of population health.

Class syllabus:
Introduction to anatomical terminology.
Cor. Systema vasculare.
Systema respiratorium.
Apparatus alimentarius.
Systema urinarium.
Organa genitalia feminina et masculina.
Systema nervosum centrale et periphericum. Organa sensuum.
Apparatus locomotorius.
Fundamentals of the topographical anatomy of the head and neck, thorax, abdomen, pelvis, back, and limbs.
The course emphasises functional, topographical, and clinically relevant relationships essential for subsequent biomedical and public health courses. Particular attention is given to organ systems relevant to lifestyle-related, infectious, and non-communicable diseases, occupational and environmental exposures, disease prevention, and health promotion.
Lectures provide students with a theoretical foundation in the anatomy of individual organ systems. This knowledge is subsequently developed and supplemented through practical classes. Practical instruction focuses on the demonstration of anatomical structures using models, a virtual dissection table, and cadaveric specimens, with emphasis on their relevance to understanding health and disease, disease prevention, and public health practice.

Recommended literature:
Mellová, Y. a kol. Anatómia človeka pre nelekárske študijné programy. Martin: Osveta, 2018. 184s. ISBN 978-80-8063-454-4.
Paulsen, F. et Waschke, J. Sobotta Atlas of Anatomy (Package). Musculoskeletal system; Internal Organs; Head,Neck and Neuroanatomy; Muscle Tables. Elsevier Science, 2018. 1376 s. ISBN 978-07-020-5268-2
Mráz, P. a kol. Anatómia ľudského tela 1. Bratislava: SAP, 2021. 510 s. ISBN 978-80-8960-789-1
Mráz, P. a kol. Anatómia ľudského tela 2. Bratislava: SAP, 2021. 496 s. ISBN 978-80-8960-792-1

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution
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

Lecturers: doc. MUDr. Desanka Výbohová, PhD., MVDr. Sandra Hurta Csizmár, PhD., MVDr. Dagmar Kalenská, PhD., MUDr. Lenka Kunertová, MUDr. Katarína Lešková, PhD., RNDr. Alena Mazuráková, PhD., MUDr. Gabriela Hešková, PhD.
Last change: 27.08.2026
Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚCJ/J-1-VZ-CJ5/22	Bascis of English Language 2

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚCJ/J-1-VZ-CJ4/22 - Basics of English Language 1

Course requirements:
1 written test, 1 oral exam/presentation, minimum percentage to pass each 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%

Learning outcomes:
The main output of the course is to revise and strengthen the basics of English grammar, so that the students are able to express themselves independently, formulate ideas, ask questions, use grammatical tenses correctly. At the same time, emphasis is placed on expanding vocabulary and developing the ability to listen to and interpret foreign text.

Class syllabus:
1. Job interview
Appearance assessment, job interview, useful phrases, personality traits, simple future tense, future tense progressive, ways of expressing the future
2. Job interview
Appearance assessment, job interview, useful phrases, personality traits, simple future tense, future tense progressive, ways of expressing the future
3. Work and occupation
Curriculum vitae, people and professions, praise and reactions to praise, present perfect simple, future perfect simple, irregular verbs
4. Work and occupation
Curriculum vitae, people and professions, praise and reactions to praise, present perfect simple, future perfect simple, irregular verbs
5. Our organization
Organization structure, appointment, work agenda, conditionals, conditional sentences
6. Our organization
Organization structure, appointment, work agenda, conditionals, conditional sentences
7. TEST I
8. In the hotel
Hotel services, at the reception, expressing satisfaction, complaints, adverbs, hours, phrases

9. In the hotel
Hotel services, at the reception, expressing satisfaction, complaints, adverbs, hours, phrases
10. Let
At the airport, on the plane, modal verbs, irregular verbs
11. Bank
Banking services, requesting assistance in monetary transactions, expressing the future after time and conditional conjugations
12. Order
Creation and confirmation of the order, complaint, order return, delivery problems, infinitive, gerund
13. Multiculturalism
Customs and customs, holidays, traditions, word formation, irregular verbs
14. Oral exam – presentation of a chosen topic

Recommended literature:
Breveníková, D. – Šajgalíková, H. – Laskovičova, T.: Angličtina pre samoukov a pre jazykové kurzy. Bratislava : Aktuell, 2020, 320 s

Languages necessary to complete the course:
English language

Notes:
To start the classes of Basics of English language, the minimum required number of attending students is 5.

Past grade distribution
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

Lecturers: doc. Mgr. Erika Juríková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-039/26	Basics of Clinical Medicine (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology

Recommended prerequisites:
Anatomy and Physiology, Pathological Anatomy and Pathological Physiology

Course requirements:
EVALUATION:
Requirements for passing the course (max. 100 points):
a/ presentation max. 16 points
b/ midterm exam (12 questions, 2 points each) max. 24 points
c/ exam (written – test) (30 questions, 2 points each) max. 60 points
Active participation in lectures and lab sessions is required. The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Number of Points Earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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.

Class syllabus:

Recommended literature:

Obligatory literature:

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

Recommended literature:

KOMÁREK, L, PROVAZNÍK, K. Prevence v praxi. Praha: UK, 3. LF, 2009, 603 s.

JURKOVIČOVÁ, J. Vieme zdravo žiť? Bratislava: UK, 2006, 165 s. ISBN 80-223-2132-X

MÜLLEROVÁ, D. Zdravá výživa a prevence civilizačních nemocí ve schématech. Praha: Triton, 2003, 99 s.

Programy a projekty verejného zdravotníctva (www.uvzsr.sk)

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

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

Lecturers: prof. MUDr. Viera Švihrová, CSc., Mgr. Eva Malobická, PhD., Mgr. Mária Tatarková, PhD.

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-040/26	Basics of Clinical Medicine (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-039/26 - Basics of Clinical Medicine (1)

Recommended prerequisites:
Basics of clinical medicine 1

Course requirements:
Evaluation
Requirements for successful completion of the course:
a/ Model situations based on assigned topics max. 30 points
b/ Midterm exam (15 questions, 2 points each) max. 30 points
c/ Final exam (20 questions, 2 points each) max. 40 points
Mandatory active participation in lectures and practical exercises.
The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Points earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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.

Class syllabus:

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: 0

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

Lecturers: prof. MUDr. Viera Švihrová, CSc., Mgr. Mária Tatarková, PhD., Mgr. Eva Malobická, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-061/26	**Course title:** Basics of Economics

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 4.

Educational level: I.

Prerequisites:

Recommended prerequisites:
-

Course requirements:
EVALUATION:
Mandatory active participation in lectures and practical exercises.
The instructor responsible for the course may, during the semester, excuse a student's absence for up to 20% of the total course hours for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Requirements for successful completion of the course (max. 100 points):
a/ Model situations – activity (2 assignments, 5 points each) max. 10 points
b/ Problem-solving task (3 assignments, 10 points each) max. 30 points
c/ mind map max. 10 points
d/ midterm test (25 questions, 2 points each) max. 50 points
Overall Grade:
Points Earned 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 below Fx (insufficient - 4)
Successful completion of the course requires a minimum of 60 points in the overall evaluation. If the requirements for a midterm evaluation are not met by the date specified in the syllabus, the course coordinator will set a deadline for fulfilling the midterm evaluation requirements during the exam period.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

After the completion of the subject, the student understands baisc knowledge on economicy. He/she understands basic economy principles and mechanisms of market economy and is ablto to apply these in health practice.

Class syllabus:

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.

Recommended literature:

SABAYOVÁ, M. Základy ekonómie pre neekonomické študijné odbory. Bratislava: APZ,2016. 176 s.
MUCHOVÁ, E. a kol. Makroekonómia. Praha: Wolters Kluwer ČR, 2024. 399 s. ISBN 978-80-7676-871-0.
ZENTKOVÁ, I. a kol. Mikroekonómia. Nitra: SPU, 2024. 396 s. 978-80-552-2541-8
KOTULIČ, R. a kol. Testy zo základov ekonómie a ekonomiky. Prešov: Prešovská univerzita, 2024. 99 s.
Dostupné na: https://elibrary.pulib.sk/elpub/view/isbn/9788055532950
Materiály MH SR, MF SR, MZ SR.
Dostupné na: https://www.mhsr.sk/, https://www.mfsr.sk/; www.health.gov.sk

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

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

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

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚCJ/J-1-VZ-CJ4/22	Basics of English Language 1

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
1 written test, 1 oral exam/presentation, minimum percentage to pass each 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%

Learning outcomes:
The main output of the course is to revise and strengthen the basics of English grammar, so that the students are able to express themselves independently, formulate ideas, ask questions, use grammatical tenses correctly. At the same time, emphasis is placed also on expanding vocabulary and developing the ability to listen to and interpret foreign text.

Class syllabus:
1. My family
Introduction, family members, dating, useful phrases, conjugation of the verbs "to be" and "to have", simple present tense, personal pronouns
2. My family
Introduction, family members, dating, useful phrases, conjugation of the verbs "to be" and "to have", simple present tense, personal pronouns
3. The country I live in works
Giving direction, tourist attractions and sightseeing in Slovakia, weather, meeting with a friend, asking a question with interrogative pronouns, serial numbers, imperative mood
4. The country I live in works
Giving direction, tourist attractions and sightseeing in Slovakia, weather, meeting with a friend, asking a question with interrogative pronouns, serial numbers, imperative mood
5. Letters and correspondence
Personal letter, worksheet, invitation, thank-you note, telephoning and useful phrases, temporary present tense, indicative pronouns
6. Letters and correspondence
Personal letter, worksheet, invitation, thank-you note, telephoning and useful phrases, temporary present tense, indicative pronouns
7. TEST I

8. Company profile
Leisure time, jobs, definite/indefinite articles, gradation of adjectives, adverbs, adjectives
9. Company profile
Leisure time, jobs, definite/indefinite articles, gradation of adjectives, adverbs, adjectives
10. Education and school
Slovak education system, request for advice, simple past tense, passive voice, some and any
11. Education and school
Slovak education system, request for advice, simple past tense, passive voice, some and any
12. Applying for a job
Advertisement, job opportunities, simple present tense, continuous present tense, irregular verbs
13. Applying for a job
Advertisement, job opportunities, simple present tense, continuous present tense, irregular verbs
14. Oral exam – presentation of a chosen topic

Recommended literature:
Breveníková, D. – Šajgalíková, H. – Laskovičova, T. (2020) Angličtina pre samoukov a pre jazykové kurzy. Bratislava : Aktuell.

Languages necessary to complete the course:
English language

Notes:
To start the classes of Basics of English language, the minimum required number of attending students is 5.

Past grade distribution
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

Lecturers: doc. Mgr. Erika Juríková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 21.03.2022

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-VZ-CJ6/22	**Course title:** Basics of German Language 1
Educational activities: **Type of activities:** practicals **Number of hours:** **per week:** 2 **per level/semester:** 28 **Form of the course:** on-site learning	
Number of credits: 1	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Course requirements: 1 written test, 1 oral 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): 50% / 50%	
Learning outcomes: The aim of the course is to provide students applying / admitted to an Erasmus exchange or internship with the basics of the German language needed to survive in a German-speaking country in everyday situations in contact with local people and to ignite interest in both the language and local history, and culture.	
Class syllabus: 1. Hallo! Sprechsituationen: die Kollegen begrüßen, sich verabschieden. Grammatik: Alphabet, Aussagesätze. Übungen. 2. Leute aus Deutschland. Sprechsituationen: sich vorstellen, Grammatik: W-Fragen, Verb-formen in Präsens, Fragewörter. Übungen. 3. – 4. Wie geht's? Sprechsituationen: Wie es jemandem geht sagen, was man trinken möchte. Telefonnummer und Adresse sagen, Grammatik: Ja/Nein Fragen, Verbformen im Präsens, Zahlen, Verbposition. Übungen. 5. – 6. Was kostet das? Sprechsituationen: Über Preise sprechen, Verkaufsgespräche führen, Gegenstände beschreiben, Kleinanzeigen verstehen, Grammatik: Zahlen bis 1 Million, Nomen und Artikel, bestimmter und unbestimmter Artikel, Personalpronomen. Übungen. 7. – 8. Wie spät ist es? Sprechsituationen: Uhrzeiten/Tageszeiten angeben, über den Tagesablauf sprechen, sich verabreden, Grammatik: trennbare Verben, Satzklammer bei trennbaren Verben, trennbare Verben, Zeitangaben im Satz.	

9. – 10. Was darf's sein? Sprechsituationen: Einkaufsdialoge verstehen, einen Einkaufszettel schreiben, Kochrezepte verstehen, Grammatik: Mengenangaben, Plural der Nomen, Akkusativformen, Verben mit Akkusativ.
11. – 12. Familienleben.
Sprechsituationen: über die Familie sprechen, das Datum sagen/ schreiben, Grammatik: Possessivartikel: mein-, dein-, sein-, ...
13. Wann bist du geboren? Sprechsituationen: über Geburtstage sprechen, über Vergangenes sprechen, Grammatik: Orrdinalzahlen und Datum, Präteritum von sein und haben
14. Examen

Recommended literature:
Christiane Lemcke, Lutz Rohrmann, Theo Scherling in Zusammenarbeit mit Margret Rodi, Susan Kaufmann: Berliner Platz 1 NEU, Deutsch im Alltag. Berlin: Langenscheidt/Klett, 2009. 256 s.

Languages necessary to complete the course:
German language

Notes:
To start the classes of Basics of German language, the minimum required number of attending students is 5.

Past grade distribution
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

Lecturers: PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., doc. Mgr. Erika Juríková, PhD.

Last change: 21.03.2022

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-VZ-CJ7/22	**Course title:** Basics of German Language 2
Educational activities: **Type of activities:** practicals **Number of hours:** **per week:** 2 **per level/semester:** 28 **Form of the course:** on-site learning	
Number of credits: 1	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚCJ/J-1-VZ-CJ6/22 - Basics of German Language 1	
Course requirements: 1 oral 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): 50% / 50%	
Learning outcomes: The aim of the course is to provide students applying / admitted to an Erasmus exchange or internship with the basics of the German language needed to survive in a German-speaking country in everyday situations in contact with local people and to ignite interest in both the language and local history, and culture.	
Class syllabus: 1. – 2. Willkommen in Berlin. Sprechsituationen: Ortsangaben machen, nach dem Weg fragen. Hinweise zum Weg geben, eine neue Arbeitsstelle antreten. Grammatik: Der Dativ im Satz, Dativformen, Imperativsatz, Verbformen, Imperativ. Übungen. 3. – 4. Zimmer, Küche, Bad. Sprechsituationen: Wohnungsanzeigen verstehen, über die Wohnungssuche sprechen, sich über eine Wohnung informieren, Wünsche und Möglichkeiten ausdrücken. Grammatik: Modalverben, Perfekt mit haben. Übungen. 5. – 6. Was ist passiert? Sprechsituationen: über Vergangenes sprechen einen Lebenslauf verstehen, über die eigene Person sprechen, persönliche Informationen erfragen Grammatik: Perfekt mit sein, Präpositionen vor, nach, seit mit Dativ. Übungen. 7. – 9. Ich arbeite bei... Sprechsituationen: über Arbeit und Beruf sprechen, berufliche Telefongespräche verstehen. Grammatik: Modalverb müssen, Ordinalzahlen. Übungen. 10. – 12. Gesund und fit. Sprechsituationen: Gespräche beim Arzt führen, über Fitness sprechen, Gesundheitsprobleme beschreiben. Grammatik: Modalverben. Ja/Nein-Fragen und Antworten, Imperativ. Übungen. 13. Schönes Wochenende!	

Sprechsituationen: eine Reise buchen, Fahrkarten kaufen. Grammatik: Personalpronomen: Nominativ und Akkusativ, Präpositionen vor, nach, seit mit Dativ und Akkusativ. Übungen.
14. Examen

Recommended literature:
Christiane Lemcke, Lutz Rohrmann, Theo Scherling in Zusammenarbeit mit Margret Rodi, Susan Kaufmann: Berliner Platz 1 NEU, Deutsch im Alltag. Berlin: Langenscheidt/Klett, 2009. 256 s.

Languages necessary to complete the course:
German language

Notes:
To start the classes of Basics of German language, the minimum required number of attending students is 5.

Past grade distribution
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

Lecturers: PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., doc. Mgr. Erika Juríková, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-059/26	**Course title:** Basics of Health Policy
Educational activities: **Type of activities:** practicals **Number of hours:** **per week:** 1 **per level/semester:** 14 **Form of the course:** on-site learning	
Number of credits: 2	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: EVALUATION Mandatory active participation in practical classes. The instructor may excuse a student's absence for valid reasons—up to a maximum of 20% of the total teaching hours—in accordance with the Study Regulations of the Jessenius Faculty of Medicine (JLF UK). Conditions for successful completion of the course (max. 100 points): a/ scenario-based exercises – active participation (2 tasks at 5 points each) max. 10 points b/ problem-solving task (3 tasks at 10 points each) max. 30 points c/ mind map max. 10 points d/ final test (25 questions at 2 points each) max. 50 points Overall assessment: Points achieved 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 (insufficient - 4) To successfully complete the course, a minimum of 60 points must be achieved in the overall assessment. Scale of assessment (preliminary/final): 50/50	
Learning outcomes: 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.	
Class syllabus: Introduction of the subject – general policy. Health policy, health care policy. Health policy in Europe and Slovakia. Health care reform in the Slovak Republic. Topical problems of health policy in the Slovak Republic.	

Recommended literature:

Obligatory literature:

ONDRUŠ, P. Svetové zdravotnícke 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, www.uvzsr.sk

Odporúčaná:

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

Recommended literature:

Odporúčaná:

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: 0

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

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

Last change: 08.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-057/26	**Course title:** Basics of Informatics and Computer Skills
Educational activities: **Type of activities:** practicals **Number of hours:** **per week:** 1 **per level/semester:** 14 **Form of the course:** on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: Evaluation a. 4 project assignments during the course, submitted via Moodle max 4 x 10 = 40 points b. Exam – solving a model situation in Excel max 40 points c. Seminar paper - Word max 20 points Active participation in practical exercises is mandatory. The instructor may excuse absences for valid reasons for up to 20% of the total course duration, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University. Overall Grade (max. 100 points): Points Earned 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 (Passing - 3) 59 and below Fx (Failing - 4) ** assessed practical assignments To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation. Scale of assessment (preliminary/final): 50/50	
Learning outcomes: After completion of the subject the student is able to apply basic knowledge on informatics and computer skills	
Class syllabus: Essentials of works with MS Word, MS Excel, MS Power Point, EPI INFO 7	
Recommended literature: Obligatory literature: Epi Info User Guide - https://www.cdc.gov/epiinfo/support/userguide.html	

Príručky so stručným návodom pre Office - 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
Recommended literature:
K. Píňková: 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

Languages necessary to complete the course:
slovak, czech, english

Notes:
slovak,czech, english

Past grade distribution
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

Lecturers: Mgr. Jana Zibolenová, PhD.

Last change: 02.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-064/17	Basics of Management

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-063/24 - Basics of Economics (2)

Recommended prerequisites:
Basics of Economics 2

Course requirements:
Evaluation:
Mandatory active participation in lectures and practical exercises.
The instructor responsible for the course may, during the semester, excuse a student's absence for up to 20% of the total course hours for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Requirements for successful completion of the course (max. 100 points):
a/ Model situations – activity (2 assignments, 5 points each) max. 10 points
b/ Problem-solving task (3 assignments, 10 points each) max. 30 points
c/ mind map max. 10 points
d/ midterm exam (25 questions, 2 points each) max. 50 points
Overall Grade:
Points Earned 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 below Fx (fail - 4)
To successfully complete the course, students must earn at least 50 points on the course content for Weeks 1–6 and achieve a minimum of 60 points in the overall evaluation. If the requirements for the interim assessment are not met by the date specified in the syllabi, the course coordinator will set a deadline for fulfilling the interim assessment requirements during the exam period.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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.

Class syllabus:

Basic definitions, contents and categories of management. Personality of a manager in health sector. Roles of a manager in healthcare facilities. Communication. Motivation. Managerial functions. Planning. Organizing and organization structure. Basic styles of management and approaches to effectively guide persons in health sector. Supervision. Healthcare services.

Recommended literature:

COPUŠ, L. a kol. Manažment. 1. vyd. Bratislava: Univerzita Komenského v Bratislave, 2024.
JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016, 156 s. ISBN 978-80-8063-447-6.
STACHO, Z. – STACHOVÁ, K. Základy manažmentu. Trnava: UCM, 2020. 119 s. ISBN 978-80-572-0110-6
ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. Vybrané kapitoly zo zdravotníckeho manažmentu. Prešov: Prešovská univerzita, 2017. 164 s. ISBN 978-80-555-1823-7.
JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063-347-9.
Materiály MZ SR, UVZ SR. Dostupné na Internete: www.health.gov.sk; www.uvzsr.sk

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 76

A	ABS0	B	C	D	E	FX
75,0	0,0	18,42	5,26	1,32	0,0	0,0

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

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-071/26	Basics of Methodology in Epidemiology and Hygiene

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Type, volume, methods and workload of the student - additional information
sylabus

Number of credits: 4

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health and JLF.ÚVZ/J-1-VZ-057/24 - Basics of Informatics and Computer Skills

Recommended prerequisites:
Introduction in Public Health, Basics of Informatics and Computer Skills

Course requirements:
EVALUATION:
Requirements for successful completion of the course: (max. 100 points):
a/ model problems (13 problems, 2 points each) max. 26 points
b/ midterm exam (10 questions, 1 point each) max. 10 points
c/ written exam (32 questions, 2 points each) max. 64 points
Active participation in lectures and lab sessions is required. The instructor may excuse absences totaling up to 20% of the total course hours for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Grades: A: 91–100%, B: 81–90%, C: 73–80%, D: 66–72%, E: 60–65%, Fx: 59% and below.
To successfully complete the course, students must achieve a minimum of 60 points in the overall grade.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
Students who complete this course will understand methods for measuring health and disease in a population, the conditions and defined terms associated with them, methods for defining at-risk groups, methods for evaluating the performance and effectiveness of health care services and interventions, and methods for identifying and measuring the causes and determinants of diseases and other health-related conditions.

Class syllabus:
General principles, measurement and analysis of phenomena, defining disease as a statistical unit, basic phases of the epidemiological method, descriptive, analytical, and experimental

epidemiology, characteristics of persons, places, and time. Causality in epidemiology. Evaluation of intervention effectiveness. Surveillance as a method in epidemiology. Risk assessment and risk management. Evidence-based practice.

Recommended literature:

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

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 ŠTUDOVŇA GOOGLE. DOSTUPNÉ NA: HTTPS:// SCHOLAR.GOOGLE.SK/

LICHNEROVÁ, 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

Národný program podpory zdravia

https://moodle.uniba.sk/moodle/

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., Čižmár, I., Fabiánová E. Verejné zdravotníctvo. Bratislava: Veda, 2013, 651 s., ISBN 978-80-224-1283-4

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, Czech

Notes:

no notes

Past grade distribution

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

Lecturers: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., Mgr. Jana Zibolenová, PhD., Mgr. Mária Tatarková, PhD., RNDr. Mária Marušiaková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-058/26	Basics of Prevention

Educational activities:
Type of activities: lecture
Number of hours:
per week: 1 **per level/semester:** 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
Evaluation
Requirements for passing the course (max. 100 points):
a/ Active participation max. 28 points
• Problem-solving assignments (4 assignments, 6 points each) max. 24 points
• Competency quiz max. 4 points
b/ Midterm exam (18 questions, 2 points each) max. 36 points
c/ Final exam (18 questions, 2 points each) max. 36 points
Active participation in lectures is mandatory. The instructor may excuse absences for valid reasons for up to 20% of the total course duration in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Points Earned 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 below Fx (unsatisfactory - 4)
*Supervised self-study
A minimum of 60 points is required to successfully complete the course. If the requirements for receiving a passing grade (PH) are not met by the date specified in the syllabus, the course coordinator will set a date during the exam period for students to make up the requirements.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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 factros influencing health, health promotion in various age groups of the population. He/she understands problems of population based programs of prevention and health promotion.

Class syllabus:
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.

Recommended literature:
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. Prevence v praxi. Praha: SZÚ, 2009, 603 s. (pdf súbor)
BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0
ROVNÝ, I. a kol. Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011. ISBN: 9788089057337
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, czech

Notes:

Past grade distribution
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

Lecturers: doc. PhDr. Romana Ulbrichtová, PhD.

Last change: 02.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-050/24	Basics of Scientific Research Work

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites: 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-057/24 - Basics of Informatics and Computer Skills

Recommended prerequisites:
Biostatistics, Fundamentals of Methodology in Epidemiology and Hygiene, Basics of Informatics and Computer Skills

Course requirements:
EVALUATION:
a/ Preparation of an outline and abstract for the bachelor's thesis, along with a list of primary literature, based on the provided instructions (by the 7th week) max. 50 points
b/ Preparation of an electronic literature review of specialized sources on a topic selected for the bachelor's thesis (by the end of week 13) max. 50 points
**Assessed practical outputs, ***Preparation of the bachelor's thesis under the supervision of an advisor
Overall grade (max. 100 points):
Points Earned 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 below Fx (insufficient - 4)
Attendance at practical exercises is mandatory. Absences may be excused for valid reasons up to a maximum of 20% of the total class time, in accordance with the Academic Regulations. If required assignments are not submitted during the designated week of instruction, the instructor may decide not to award points or to significantly reduce the number of points awarded.
Successful completion of the course requires a minimum of 60 points in the final grade.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

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

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

LICHNEROVÁ, 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

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: 25

A	ABS0	B	C	D	E	FX
88,0	0,0	12,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 24.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚLBch/J-1-VZ-067/26	Biochemistry

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 2 **per level/semester:** 14 / 28
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
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

Learning outcomes:
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

Class syllabus:
Organization and chemical composition of cellular structures; subcellular localisation of biochemical processes and the significance of the aqueous environment. Transport of substances across biological membranes and transmission of chemical signals. Structure and function of enzymes, principles of enzymatic catalysis, and functions of coenzymes. Biochemical foundations of nutrition, biological oxidation and bioenergetics.
Intermediary metabolism of carbohydrates, lipids, amino acids, nucleotides and tetrapyrroles, including the digestion, absorption, synthesis and degradation of their individual components. Principles of hormonal and genetic regulation of metabolic processes.
Specialised topics in the biochemistry of blood, the gastrointestinal tract, liver, kidneys and the nervous system. Importance of blood plasma proteins. Preparation and processing of biological specimens for biochemical analysis.
Principles and methods for the determination of selected analytes, pH and minerals in biological fluids. Interpretation of biochemical results and their significance in the diagnosis of selected diseases, including diabetes mellitus, atherosclerosis and jaundice. Urinalysis for the detection of physiological and pathological constituents, including glucose, proteins, ketone bodies and urobilinogen. The diagnostic significance of enzyme measurements and their use as biomarkers in clinical biochemistry.

Recommended literature:

1. Mareková M. a kol.: Základy lekárskej klinickej a laboratórnej biochémie. UPJŠ – LF; Košice 2017 (218 s).
2. Turecký V. a kol.: Lekárska biochémia pre poslucháčov nelekárskych smerov. Asklepios Bratislava, 2008 (86 s).
3. Pecháň I. a Kováč G.: Prehľad biochémie človeka II. VEDA Bratislava 2003 (197s).

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
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

Lecturers: doc. RNDr. Jozef Hatok, PhD., prof. Ing. Zuzana Tatarková, PhD., doc. RNDr. Tatiana Matáková, PhD., RNDr. Andrea Evinová, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚLBf/J-1-VZ-068/18	Biophysics and Radiology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites:

Recommended prerequisites:
Basic characteristics of the principles of biophysical process in the organism. Biophysical principles of diagnostics methods and terapeutics methods by ionizing and nonionizing radiation in medicine and nursing basic principles of protection counter ionizing radiation (limits, efective dose and personal dosimetry)

Course requirements:
Students are assessed through an oral exam and continuous assessment during exercises and seminars. The assessment of the student's continuous work prior to the oral exam is carried out by adding up the points obtained and classifying them into the following categories:
A maximum of 65 points can be obtained for sessions, i.e. 5 points for each session. Assessment scale for semester: A ≥ 50, B ≥ 43, C ≥ 35, D ≥ 28, E ≥ 20, Fx < 20.
The overall assessment of the subject Medical Biophysics consists of a semester assessment and 2 exam questions.

Learning outcomes:
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.

Class syllabus:
-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.

Recommended literature:

Set books:

Šimera, Jakuš, Poliaček a kol.: Vybrané kapitoly z lekárskej biofyziky s praktickými úlohami, Vysokoškolské skriptá. Martin, 2018, 232 s., ISBN 978-808187-056-9

Šajter a kol.: Biofyzika, biochémia a rádiológia, Martin, Osveta, 2006,272 s., ISBN 80-806-3210-3.

Recommended books:

Bilický, J. a kol. Klinická rádiológia. Bratislava: Veda , 2004. 67 s. ISBN 80-224-0799-2

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 87

A	ABS0	B	C	D	E	FX
21,84	0,0	28,74	28,74	14,94	5,75	0,0

Lecturers: doc. Ing. Jakub Míšek, PhD., prof. RNDr. Ivan Poliaček, PhD., Ing. Marcel Veterník, PhD., Mgr. Nadežda Višňovcová, PhD., doc. RNDr. Michal Šimera, PhD.

Last change: 10.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

STATE EXAM DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-SS1/24	**Course title:** Defence of Bachelor Thesis
Number of credits: 3	
Recommended semester: 5., 6..	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-050/24 - Basics of Scientific Research Work	
Recommended prerequisites: Basics of Scientific Research Work	

Course requirements:

Evaluation
Requirements for Successful Completion of State Examinations:
1. Defense of the Bachelor's Thesis:
The evaluation consists of 4 parts:
a) supervisor's evaluation
b) opponent's evaluation
c) presentation of the thesis
d) discussion
Evaluation criteria for bachelor's theses in the Public Health study program:
• thesis title – consistency with its content; similarly, consistency between the headings of individual chapters and their content
• abstract – informative, clear, and understandable
• creation of a coherent whole that accurately interprets professional and scientific knowledge; logical structure of the thesis; coherence between individual chapters; appropriate length of individual chapters
• objectives of the thesis – clear, understandable, and objectively assessable
• conclusions – appropriate and concise formulation
• Bibliography—appropriate, with a selection of representative foreign and domestic literature; up-to-date sources
• Formatting—a neat, well-organized thesis with correct style and spelling
• Quality of the defense and subsequent discussion regarding the topic addressed in the bachelor's thesis, particularly the demonstration of knowledge of the subject matter as well as prompt and accurate responses to questions.
Overall Course Grade (max. 100 points):
Points Earned 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 below Fx (insufficient - 4)
Translated with DeepL.com (free version)

Scale of assessment (preliminary/final): 0/100

Learning outcomes:

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 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.

Class syllabus:

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

State exam syllabus:

Processing thesis - the student perspective on the issues examined and its interpretation

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, Súčasnosť, Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1BAZOVSKÁ, 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, 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
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
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.pdf18.
25. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Dostupné na: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf

Languages necessary to complete the course:
slovak, czech, english

Last change: 11.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-044/26	Disaster Medicine

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology and JLF.ÚVZ/J-1-VZ-022/24 - Epidemiology of Infectious Diseases (2) and JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2)

Recommended prerequisites:
Human Ecology, Epidemiology of infectious diseases 2, Environmental Hygiene 2

Course requirements:
Evaluation
a/ Model scenarios based on assigned topics (each student will work on one model scenario independently) max. 20 points
b/ Midterm exam (10 questions, 2 points each) max. 20 points
c/ exam – final test (30 questions, 2 points each) max. 60 points
Active participation in lectures and practical exercises is mandatory. The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course duration in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Number of points earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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.

Class syllabus:
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. Radiation disasters. Global atmospheric changes as a possible cause of emergency events in public health. Terrorism and bioterrorism. Relevant legislation in Slovakia.

Recommended literature:
Obligatory literature:
Masár o. a kol. Kompendium medicíny katastrof pre študentov medicíny. Bratislava: Univerzita Komenského Bratislava, 2016, 129 s. ISBN: 978-80-223-4049-6
Recommended literature:
Klement C. a kol. Mimoriadne udalosti vo verejnom zdravotníctve. Banská Bystrica: PRO, 2011, 664 s. ISBN: 978-80-89057-29-0
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
http://www.who.int/topics/
www.ecohealth101.org

Languages necessary to complete the course:
slovak, english

Notes:

Past grade distribution
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

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Mgr. Mária Tatarková, PhD., Ing. Stanislav Kuka, PhD., Mgr. Miroslava Sovičová, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-023/22	Environmental Hygiene (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health and JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology

Recommended prerequisites:
Introduction in Public Health, Human Ecology

Course requirements:
Evaluation
GRADING
The requirements for successful completion of the course are:
a/ Midterm Test I (15 questions, 2 points each) max. 30 points
b/ Midterm Test II (15 questions, 2 points each) max. 30 points
c/ Final exam (10 questions, 1 point each) max. 10 points
d/ Case study (10 points each) max. 30 points
Active participation in lectures and practical exercises is mandatory. The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Number of points earned 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 below Fx (unsatisfactory - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.

Class syllabus:

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. Soil. Contaminants in the environment and their impact on human health. Biomonitoring. Environmental Noise. Energy sources, effects on the environment. Environmental Impact Assessment (EIA).

Recommended literature:

Obligatory literature:

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

Recommended literature:

ARGALÁŠOVÁ, Ľ. a kol. Edukačný materiál pre praktické cvičenia z hygieny. Bratislava: Vydavateľstvo UK, 2024. ISBN 978-80-223-5970-2 (online)

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

TUČEK, M. a kol. Hygiena a epidemiologie pro bakaláře. Praha: Karolinum, 2024. ISBN 978-80-246-5813-1

Languages necessary to complete the course:

slokak, czech

Notes:

Past grade distribution

Total number of evaluated students: 35

A	ABS0	B	C	D	E	FX
51,43	0,0	48,57	0,0	0,0	0,0	0,0

Lecturers: Mgr. Miroslava Sovičová, PhD., Mgr. Mária Tatarková, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-024/24	Environmental Hygiene (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-023/22 - Environmental Hygiene (1)

Recommended prerequisites:
Environmental Hygiene 1

Course requirements:
Evaluation
GRADING:
Requirements for successful completion of the course:
a. Midterm Test I (10 questions, 1 point each) max. 10 points
b. Midterm Test II (10 questions, 1 point each) max. 10 points
c. case study (10 points each) max. 20 points
d. exam – oral (max. 60 points) – the student will draw two questions
Active participation in lectures and practical exercises is mandatory. The instructor may excuse, for relevant reasons, a maximum of 20% of total class time in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Points earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 100/100

Learning outcomes:
After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.

Class syllabus:

Environmental health. Sick building syndrome. Global environmental problems. Impact of environmental changes on biocenosis. Hygiene of living places, towns and villages. Residential buildings and related health risks. Collective housing. Problems of excessive noise in living environment. Community infrastructure facilities. Physical training facilities. Facilities for the care of the human body. Artificial and natural pools. Transportation, environment and health. Waste - distribution, legislation.

Recommended literature:

Obligatory literature:

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

Recommended literature:

ARGALÁŠOVÁ, Ľ. a kol. Edukačný materiál pre praktické cvičenia z hygieny. Bratislava: Vydavateľstvo UK, 2024. ISBN 978-80-223-5970-2 (online)
KUKA, S. Vybrané kapitoly z hygieny životného prostredia I., ISBN 978-80-8187-037-8. https://portal.jfmed.uniba.sk/clanky.php?aid=370
KUKA, S: Vybrané kapitoly z hygieny životného prostredia II, ISBN: 978-80-8187-053-8 https://portal.jfmed.uniba.sk/clanky.php?aid=388
TUČEK, M. a kol. Hygiena a epidemiologie pro bakaláře. Praha: Karolinum, 2024. ISBN 978-80-246-5813-

Languages necessary to complete the course:
sloveak, czech

Notes:

Past grade distribution
Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
45,45	0,0	22,73	22,73	9,09	0,0	0,0

Lecturers: Mgr. Miroslava Sovičová, PhD., Mgr. Mária Tatarková, PhD., PhDr. Mgr. Martin Novák, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-021/26	Epidemiology of Infectious Diseases (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health

Recommended prerequisites:
Introduction into the Public Health, Biostatistics

Course requirements:
Evaluation
Requirements for successful completion of the course:
a/ completion of assigned tasks (13 x 2 pts) max. 26 points
b/ midterm test (18 x 2 pts) max. 36 points
c/ final test (19 x 2 pts) max. 38 points
Overall assessment (max. 100 points):
Points achieved 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 (insufficient - 4)
Attendance at lectures and practical exercises is mandatory. In the event of valid reasons, an absence of up to 20% may be excused (in accordance with the Study Regulations of JLF CU).
A minimum total score of 60 points is required to successfully complete the course.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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.

Class syllabus:
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.

Recommended literature:

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

http:// moodle.uniba.sk/

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.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

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

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.

Last change: 17.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-022/24	Epidemiology of Infectious Diseases (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-021/26 - Epidemiology of Infectious Diseases (1)

Recommended prerequisites:
Epidemiology of Infectious Diseases

Course requirements:
Evaluation
• Active participation in solving 8 model situations (1 point each) max. 8 points
• Student presentations and seminar papers (8 points each) max. 16 points
• 4 short quizzes (4 points each) max. 16 points
• Oral exam max. 60 points
Attendance at lectures and practical exercises is mandatory. In the event of valid reasons, a maximum of 20% of absences may be excused (in accordance with the Study Regulations of the Faculty of Medicine, Comenius University).
Overall evaluation:
Number of points earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
To successfully complete the course, students must earn at least 60 points in the overall grade.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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 dealting 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 srategies, health promotion and protection from aspect of prevention of communicable diseases.

Class syllabus:

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.

Recommended literature:

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

https://moodle.uniba.sk

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. 4.

Languages necessary to complete the course:

slovak language

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
45,45	0,0	13,64	22,73	13,64	4,55	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-041/17	Epidemiology of Non-Infectious Diseases

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-058/24 - Basics of Prevention and JLF.ÚVZ/J-1-VZ-040/16 - Basics of Clinical Medicine (2)

Recommended prerequisites:
Biostatistics, Basic of prevencion, Basic of clinical medicine

Course requirements:
Evaluation
a) Solving model situations (e.g., exercises 1 through 8) max. 16 points
b) Preparation and presentation of two selected topics (max. 7 points per presentation) max. 14 points
c) Pre-exam test (10 questions, 1 point each) max. 10 points)
Final oral exam (the student draws two questions max. 60 points
Attendance at lectures and practical exercises is mandatory. In the event of valid reasons, a maximum of 20% of absences may be excused (in accordance with the JLF UK Study Regulations)
To successfully complete the course, students must demonstrate knowledge meeting the minimum criteria (as per the JLF UK Study Regulations) during the final exam and achieve a total score of at least 60 points.
Overall Grade (Final Grade):
Points Earned 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 (Passing - 3)
59 and below Fx (Failing - 4)
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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 (odporúčaná)
Preventing Chronic Diseases. A Vital Investment. WHO Global Report. Geneva: WHO, 182 s. ISBN 92-4-156300-1.
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
Centers for Disease Control and Prevention, Atlanta, USA. 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: 76

A	ABS0	B	C	D	E	FX
63,16	0,0	26,32	9,21	1,32	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Simona Kelčíková, PhD., Mgr. Eva Malobická, PhD., doc. Mgr. Martina Dubovcová, PhD., MPH, Mgr. Eliška Štefanová, PhD.

Last change: 13.08.2026
Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.KAIM/J-1-VZ-007/16	First Aid

Educational activities:
Type of activities: practicals
Number of hours:
per week: 1 **per level/semester:** 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
100% participation in practical exercises, successful completion of a credit test and practical exam.
Scale of assessment (preliminary/final): Final test and practical exam

Learning outcomes:
Intended Learning Objectives
1. Performs primary and secondary assessment of critically ill patients using the ABCDE approach, applies this knowledge within clinical scenarios using the high fidelity SimMan simulator.
2. Demonstrates skills in providing basic life support (BLS) for adults and children, neonates and pregnant women, including operating an AED.
3. Masters the basic techniques of airway managment and ventilation, performs basic maneuvers for patency of the airway, bag mask ventilation, insertion of supraglottic devices. Demonstrates practical skills in securing airway by insertion of airways, suporaglotic devices and suction of secretions from the upper respiratory tract of woman and a newborn with secured airways. Student masters and demonstrates basic maneuvers in case of foreign body airway obstruction.
4. Can recognize basic clinical manifestations of non-traumatic life-threatening conditions, masters the providing of first aid in these events. Student can demostrate recovery and anti-shock position, anti-shock measures.
6. Knows and performs techniques for stopping external bleeding, including the use of a tourniquet, loading a pelvic belt, knows and performs basic techniques for immobilizing and fixing limbs (splinting and slinging) and the spine, as well as techniques for safely removing a patient from a vehicle.
7. Knows the basic principles of triage and organizing pre-hospital care in mass casualty events.
10. Demonstrates effective communication skills and a professional approach in model clinical situations, including effective team communication and basic elements of team leadership.
11. Applies clinical diagnostic reasoning and acquired practical skills in clinical scenarios using the high fidelity simulator SimMan.

Class syllabus:
rinciples 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). 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). Triage of persons according to the urgency of their condition based on physical examination, assessment of vital signs, and results of anamnestic data collection.

Recommended literature:

European Resuscitation Council Guidelines 2025, https://www.erc.edu/science-research/guidelines/guidelines-2025/

WYATT, Jonathan P., Robert G. TOUQUET, Robin N. WARNERS a Jason LONG, ed. Oxford Handbook of Emergency Medicine. 5th ed. Oxford: Oxford University Press, 2020. 768 s. ISBN 978-0-19-878419-7.

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 95

A	ABS0	B	C	D	E	FX
61,05	0,0	31,58	7,37	0,0	0,0	0,0

Lecturers: MUDr. Michal Venglarčík, PhD., MUDr. Zuzana Biringerová, PhD., MUDr. Andrea Ráheľ Kubisová

Last change: 17.07.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚCJ/J-1-VZ-CJ1/15	Foreign Language (1)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
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%

Learning outcomes:
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.

Class syllabus:
English Language:
1 – 2 Education
Study at the University
Jan Jessenius
3 – 4 The Human Body
5 – 6 Accidents and Emergencies
First Aid
7 Test 1
8 – 9 The Healthcare System
10 – 12 Pain and Other Symptoms
Chronic Pain as a Global Public Health Priority
13 Test 2
14 Substitution week
German Language:
1. Sich vorstellen in der Studiengruppe.
Pflichten des Studenten. Studium an der Universität – Diskussion. Grammatik: Verben – Konjugation – Präsens. Vokabeln. Wortschatz.
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.
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.
4. Pflegeberufe
Gesundheits- und Krankenpfleger. Verschiedene medizinische Berufe. Pflichte des Pflegepersonals. Merken sie sich den Unterschied: suchen, besuchen, untersuchen, sich aussuchen. Grammatik: Präteritum. Perfekt. Wortbildung. Vokabeln. Wortschatz.
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.
6. Beim Arzt
Medizinische Untersuchung. Anamnesegespräch. Der Patient klagt über ... Merken sie sich den Unterschied: nehmen, einnehmen, aufnehmen, annehmen, abnehmen. Grammatik: Fragepronomen. Vokabeln. Wortschatz

Recommended literature:
English language:
Kolektív autorov: English in Public Health. UK, Bratislava, 2025. ISBN 978-80-223-5937-5
handouts, internet
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.

Languages necessary to complete the course:
English language/German language

Notes:

Past grade distribution
Total number of evaluated students: 107

A	ABS0	B	C	D	E	FX
32,71	0,0	28,97	18,69	15,89	1,87	1,87

Lecturers: doc. Mgr. Erika Juríková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 14.08.2025

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚCJ/J-1-VZ-CJ2/26	Foreign Language (2)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚCJ/J-1-VZ-CJ1/15 - Foreign Language (1)

Course requirements:
1 written credit test,1 PowerPoint presentation of specialized topic, minimum percentage to pass each 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): 40% for credit test and presentation / 60% for oral and written exam

Learning outcomes:
The aim of foreign language teaching for non-medical students is to acquire the study skills needed to acquire 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 some typical professional situations and contexts.

Class syllabus:
English Language:
1-2 Infections
Healthcare-associated Infections
Vaccines and Vaccination
Grammar: Plural formation: regular, irregular; Word formation: suffix -ION
Vocabulary: Bacterial and viral infections; Vaccination
3-4 Health and Environment
Healthy Lifestyle
Grammar: Present Perfect and Past Simple tenses compared
Vocabulary: Environment; Climate-related changes
5-6 Demography
Population Growth
Overpopulation
Grammar: Conditional sentences
Vocabulary: Demography basics
7 Test 3
8-10 Addictions and Crime

Grammar: Giving advice: Modal verbs for advice
Vocabulary: Addictions; Crime and criminals
11-13 Mental Health
Grammar: Expressing future
Vocabulary: Mental health issues; Sleep
14 Substitution week
German Language:
1. Das Krankenhaus
Die Uniklinik, einzelne Abteilungen, was wird wo behandelt. Hierarchie des Krankenhauspersonals und seine Pflichte. Merken sie sich den Unterschied: ziehen, abziehen, beziehen, ausziehen, anziehen, umziehen, erziehen, herziehen, hinziehen. Grammatik: Koordinierende Konjunktionen. Präposition mit dem Dativ und Akkusativ. Vokabeln. Wortschatz.
2. Ein Tag im Krankenhaus
Anmeldung und Aufnahme. Was ein Patient ins Krankenhaus mitbringen soll. Merken sie sich den Unterschied: sich setzen, sitzen, sich legen, liegen, sich stellen, stehen. Grammatik: Die Modalverben. Vokabeln. Wortschatz.
3. Messen
Die Temperatur. Der Puls. Blutdruckmessung. Merken sie sich den Unterschied:
fürchten, befürchten, sich ängstigen, Angst haben. Grammatik: Vokabeln. Wortschatz.
4. Blut im Detail
Die Zusammensetzung des Blutes. Zuckermessung im Blut. Merken sie sich den Unterschied: sehen, ansehen, aussehen, fernsehen, nachsehen, wiedersehen. Grammatik: Das Adjektiv. Vokabeln. Wortschatz.
5. Herz-Kreislauf-System
Anatomie des Herzens – Der Blutkreislauf. Hören: So erkennen Sie einen Herzinfarkt
Grammatik: Steigerung des Adjektivs und Adverbs. Vokabeln. Wortschatz.
6. Erste Hilfe bei einem Herzinfarkt
Merken sie sich den Unterschied: sich sorgen für jnd, sich sorgen um etwas, sich um jnd
Sorgen machen, etwas versorgen. Vokabeln. Wortschatz

Recommended literature:
English Language:
English in Public Health. Bratislava, UK. (in print)
handouty, internet
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.

Languages necessary to complete the course:
English/German language

Notes:

Past grade distribution
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

Lecturers: doc. Mgr. Erika Juríková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 24.06.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-048/24	**Course title:** Health Education
Educational activities: **Type of activities:** practicals **Number of hours:** **per week:** 3 **per level/semester:** 42 **Form of the course:** on-site learning	
Number of credits: 3	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚPAs/J-1-VZ-011/25 - Psychology and Basics of Communication I. (2) and JLF.ÚVZ/J-1-VZ-058/24 - Basics of Prevention	
Recommended prerequisites: Psychology and Basics of Communication I. (2), Basics of Prevention	
Course requirements: EVALUATION: a/ Active participation – 1 point per PC, i.e., a total of max. 14 points b/ Quiz (24 questions 1 point each) max. 24 points c/ Model situation, PowerPoint presentation on the educational process on a health education topic max. 38 points d/ final test (24 questions 1 point each) max. 24 points Number of points earned 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 below Fx (insufficient - 4) Attendance at seminars is mandatory. Absences may be excused for valid reasons up to a maximum of 20% of total class time, in accordance with the Academic Regulations. Successful completion of the course requires a minimum of 60 points in the overall evaluation. If the requirements for receiving a passing grade (PH) are not met by the date specified in the syllabus, the course coordinator will set a date during the exam period for the student to make up the requirements for a passing grade. Scale of assessment (preliminary/final): 50/50	
Learning outcomes: 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: • is able to understand strategy of education in prevention and health promotion,	

• is able to design educational procedures in prevention, health promotion and health education,
• is able to apply educational metods and means in prevention and health promotion.

Class syllabus:

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 terciary 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.

Recommended literature:

Recommended literature:
BAŠKOVÁ, M a kol. Výchova k zdraviu. Martin: Osveta, 2009. 226 s.
KELČÍKOVÁ, S. Koncept podpory zdravia a edukácie v ošetrovateľstve. Vysokoškolská učebnica. II. Doplnené vydanie. Martin: JLF UK, Grafika a Tlač: P + M Turany, ww.p-mtlac.sk, 2013. 89 s. ISBN 978-80-89544-56-1.
NEMCOVÁ, J. HLINKOVÁ, E. et al. Moderná edukácia v ošetrovateľskej. Martin: Osveta, 2010. 260s. ISBN 978-80-8063-321-9.
KOZIEROVÁ, B. a kol. Ošetrovateľstvo 1.,2. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.
Zdravie 21 - zdravie pre všetkých v 21. storočí. Editor Svetová zdravotnícka organizácia - Európska úradovňa. Bratislava: Štátny zdravotný ústav SR, 2001. 155 s. ISBN 80-7159-119-X.
SILBERMAN, M.101 metód pro aktívni výcvik a vyučovaní. Praha: Portál, 1997. 311 s. ISBN 80-7178-124-X.
AVDIČOVÁ, M. a kol. Metodická príručka pre prácu v poradniach zdravia. Bratislava: MZ SR, 2000. 57 s. ISBN 80-7159-125-4.
BENIAK, M. Z dejín zdravotnej výchovy na Slovensku. Bratislava: ÚZV, 1993. 44 s. ISBN 80-715-030-4.

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
22,73	0,0	63,64	13,64	0,0	0,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.CPMV/J-1-VZ-072/26	Health Informatics and Telemedicine

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:
attendance of min 80% of practicals
Scale of assessment (preliminary/final): final

Learning outcomes:
After completing the course, the student:
• Will explain the basic concepts of digital health (eHealth, mHealth, AI, IoT) and their use in clinical practice.
• Describes and uses the basic functions of an electronic health record (EHR), including searching and entering data.
• Applies the principles of clinical decision and support system (CDSS) tools in solving model clinical situations.
• Will explain the basic principles of artificial intelligence, machine learning and large language models in medicine and present their practical applications.
• Apply and critically evaluate AI tools and digital technologies in clinical practice
• Analyses and interprets basic health data and presents the results in a simple form.
• Will assess the quality and usability of digital health applications or AI tools based on established criteria.
• Applies the principles of personal data protection and cybersecurity when working with health data.
• Describes and demonstrates the course of a telemedicine consultation, including communication with the patient.
• Searches for and uses relevant information from medical databases to solve a clinical problem.
• Discusses the ethical, legal and social aspects of the digitalisation of healthcare on specific examples.
• Develops and presents a simple project in the field of digital health or AI in a team.

Class syllabus:
Brief syllabus:
1. Introduction to digital health. The Evolution of Medical Informatics. eHealth, mHealth, Digital Health ecosystem. Key trends: AI, big data, IoT in healthcare.

2. Digital transformation of the hospital and health system - Smart hospital – concepts and implementation. National eHealth projects (Slovakia, EU). Interoperability of systems, NCZI, NZIS. Health Technology Assessment (HTA) in the digital age.
3. Electronic Health Record, Hospital Information Systems - Types of Medical Records. Architecture of EHR systems. Interoperability, HL7 FHIR standard. DICOM standard. Hospital information systems. Outpatient information systems. Laboratory information systems. Radiological Information Systems and PACS. Working with a demo EHR system (OpenEMR / Epic Sandbox). Inserting and searching for clinical records.
4. Clinical Decision Support Systems (CDSS). Algorithms for diagnosis and treatment. Alerts, medication control, guidelines. Examples: Isabel DDx, DXplain, Epic CDS. Clinical decision simulation with CDSS support. Case studies with differential diagnosis.
5. Artificial Intelligence in Medicine I - Machine Learning, Deep Learning - Principles. Types of AI models in healthcare. Training data, bias, validation. Regulatory framework: FDA, CE, MDR for AI/ML. Interactive workshop: visualisation of ML principles on medical data.
6. Artificial Intelligence in Medicine II - AI in Radiology, Pathology, Dermatology, Ophthalmology. Clinical validation of AI tools. Hands-on exercise with an AI tool for analysing medical images (demo). Critical evaluation of results.
7. Large Language Models (LLMs) in Clinical Practice - The use of LLMs in history, documentation, and education. Hallucinations, limits, ethical questions. Responsible use of AI assistants. Hands-on: AI-assisted clinical report creation. Verification and critical evaluation of AI-generated text.
8. Telemedicine I - Definition and types of telemedicine. Video consultations, asynchronous telemedicine. Simulation of a telemedicine conversation. Evaluation of the remote consultation platform (demo).
9. Telemedicine II - Wearables and remote patient monitoring. mHealth applications – classification and regulation. Internet of Medical Things (IoMT). Smartwatch, CGM, implantable devices. Validation and evaluation of medical applications. Evaluation of mHealth applications according to standardised criteria (ORCHA, AHA rating).
10. Health data, biostatistics and real-world evidence - Types of health data (clinical, genomic, administrative). Registries, cohort studies, and real-world evidence. Basics of biostatistics in the EHR context. Open data, MIMIC, PhysioNet. Exploratory analysis of an anonymised clinical dataset. Basic data visualisation.
11. Cybersecurity and health data protection - Threats in the healthcare IT environment (ransomware, phishing). Legal aspects and GDPR in healthcare. Pseudonymisation, encryption, and access management. Ethical principles of AI in healthcare (transparency, fairness, accountability). Incidents – case studies.
12. Personalised medicine - Genomics, proteomics, multiomic data. AI in genomic analysis (variant interpretation). Clinical genomics in oncology and rare diseases. ELSI – ethical, legal and social aspects.
13. Databases - Orientation in digital health resources. Working with PubMed, UpToDate, ClinicalKey, PETRA, ČREPČ
14. Final evaluation

Recommended literature:

Odporúčaná literatúra:

Shortliffe E.H., Cimino J.J. (eds.): Biomedical Informatics (Springer, 2021)
Topol E.J.: Deep Medicine – How AI Can Make Healthcare Human Again (Basic Books, 2019)
Coiera E.: Guide to Health Informatics (CRC Press, 2015)

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution
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

Lecturers: prof. MUDr. Jana Plevková, PhD., prof. MUDr. Tibor Baška, PhD., doc. RNDr. Zuzana Danková, PhD., MUDr. Tomáš Buday, PhD., MBA, MSc., Ing. Lukáš Martvoň, PhD., Ing. Marián Mižik, Mgr. Miloš Hrabovský

Last change: 20.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-052/26	Health Protection Against Ionizing Radiation

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2) and JLF.ÚLBf/J-1-VZ-068/18 - Biophysics and Radiology

Recommended prerequisites:
Environmental Hygiene 2, Biophysics and Radiology

Course requirements:
Evaluation:
a/ Model problems (2 problems x 10 points) max. 20 points
b/ Midterm exam (20 questions x 2 points) max. 40 points
c/ Final exam (20 questions x 2 points) max. 40 points
Active participation in lectures and lab sessions is mandatory. The instructor may excuse absences for valid reasons for up to 20% of the total course duration, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Points Earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65–60 E
59 and below Fx
To successfully complete the course, students must earn at least 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
After completion of the subject, the student understands nature of ionizing radiation and its effects on environmental health.

Class syllabus:
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.

Recommended literature:

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
Legislatívne predpisy SR:
Vyhláška MZ SR č. 96/2018 Z. z., ktorou sa ustanovujú podrobnosti o činnosti radiačnej monitorovacej siete
Vyhláška MZ SR č. 98/2018 Z. z. o obmedzovaní ožiarenia pracovníkov a obyvateľov z prírodných zdrojov ionizujúceho žiarenia
Vyhláška MZ SR č. 99/2018 Z. z. o zabezpečení radiačnej ochrany
Vyhláška MZ SR č. 100/2018 Z. z., ktorou sa ustanovujú podrobnosti na obmedzovanie ožiarenia z pitnej vody, z prírodnej minerálnej vody a z pramenitej vody
Vyhláška MZ SR č. 101/2018 Z. z., ktorou sa ustanovujú podrobnosti o zabezpečení radiačnej ochrany pri vykonávaní lekárskeho ožiarenia
Recommended literature:
http://www.icrp.org/; http://www.iaea.org/; http://www.icru.org/
https://www.uvzsr.sk/web/uvz/ionizujuce-ziarenie

Languages necessary to complete the course:

slovak, english, czech

Notes:

Past grade distribution

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

Lecturers: Mgr. Róbert Čecho, PhD.

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚHE/J-1-VZ-069/22	Histology

Educational activities:
Type of activities: practicals
Number of hours:
per week: 1 **per level/semester:** 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
93% participation in lectures, at least 60% success rate on written tests (20 multiple - choice questions with only 1 correct answer).
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): 10/90

Learning outcomes:
After completition 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. Emphasis is put on understanding the overall integrity of the organism. Individual histological tissues / organs / systems are presented both from a morphological and a functional point of view in a specific location. The aim of the subject is to gain solid knowledge of functional histology, which can later be used in the daily practice of each graduate.

Class syllabus:
- Epithelial tissue
- Connective tissue
- Muscle tissue
- Nervous tissue
- Atria mortis: cardiovascular system, central nervous system, respiratory system
- Digestive system
- Urogenital system
- Endocrine system

Recommended literature:
Belej K. a spol.: Histológa. 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: 49

A	ABS0	B	C	D	E	FX
93,88	0,0	4,08	2,04	0,0	0,0	0,0

Lecturers: RNDr. Veronika Mešťanová, PhD., prof. MUDr. Marian Adamkov, DrSc.

Last change: 01.10.2025

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-031/26	Hospital Hygiene

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health and JLF.ÚMI/J-1-VZ-008/22 - Microbiology (1) and JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics

Recommended prerequisites:
Introduction in Public health, Microbiology 1, Biostatistics

Course requirements:
Evaluation
EVALUATION:
Requirements for successful completion of the course:
Mandatory active participation in lectures and practical exercises.
a/ Completion of assigned tasks during practical exercises (3 points each) max. 18 points
b/ Midterm exam (11 questions, 2 points each) max. 22 points
c/ Oral exam (2 questions) max. 60 points
Overall Grade (max. 100 points):
Points Earned 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 below Fx (unsatisfactory - 4)
The instructor may excuse, for relevant reasons, a maximum of 20% of total class attendance in accordance with the JLF UK Study Regulations. Successful completion of the course requires a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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.

Class syllabus:

Hospital Hygiene. Hygienic and Structural Requirements for Healthcare Facilities. Decontamination in Healthcare Facilities. Hygiene and Epidemiological Regime of Healthcare Facilities. Hand Hygiene. Nosocomial Infections. Infection Prevention and Control. Working Environment of Healthcare Workers and Occupational Risks.

Recommended literature:

Obligatory literature:

NOVÁK M. Vybrané kapitoly z nemocničnej hygieny I. Martin. 2024. 79 s. ISBN 978-80-8187-161-0 Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=515

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

Recommended literature:

Vyhláška MZSR Slovenskej republiky č. 553/2007 Z. Z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia

Štefkovičová M. a kol. Dezinfekcia a sterilizácia – teória a prax II. Žilina: Vrana, 2007, 164 s. ISBN 978-80-968248-3-0

WHO: WHO Guidelines on Hand Hygiene in Health Care: First Global Patient Safety Challenge Clean Care is Safer Care. Geneva: World Health Organization; 2009. ISBN: 978-92-4-159790-6.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

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

Lecturers: PhDr. Mgr. Martin Novák, PhD., Mgr. Eva Malobická, PhD.

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-016/26	Human Ecology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
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 evaulation (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): 50/50

Learning outcomes:
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.

Class syllabus:
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.

Recommended literature:

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

www.jhsph.edu

www.ceh.ac.uk

www.fao.org

www.sazp.sk

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

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

Lecturers: Mgr. Mária Tatarková, PhD., Mgr. Eva Malobická, PhD., PhDr. Mgr. Martin Novák, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-042/17	Hygiene of Children and Adolescents (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/24 - 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-058/24 - Basics of Prevention

Recommended prerequisites:
Environmental Hygiene 2, Nutrition Hygiene 2, Psychology and basics of communication., Basic of Prevention

Course requirements:
Evaluation
a/ Participation in practical exercises (3 times; 1 activity = 5 points) max. 15 points
b/ Written quizzes (5 times; 1 question = 1 point) max. 5 points
c/ Midterm written test (20 questions, 2 points each) max. 40 points
d/ Final written test (20 questions, 2 points each) max. 40 points
Active participation in lectures and practical exercises is mandatory. The instructor may excuse, for relevant reasons, absence from a maximum of 20 % of the total course duration in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Points Earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must earn a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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:
History and current status of the field, definition, objectives and scope of child and adolescent hygiene. Physical growth and development of children. Nutrition of children and adolescents. Prevention within health care for children and adolescents. Health care of university students. Projects and programmes focused on children and adolescents implemented in Slovakia. International projects and studies focused on children and adolescents. Developmental characteristics of children and adolescents. Psychomotor development of the child. Anthropometric assessment and evaluation of physical fitness and performance in children and adolescents. Assessment of growth and developmental parameters in children and adolescents. The child's basic needs and their fulfilment in the family and school environment. Protection of the health of children and adolescents – relevant legislation. Child abuse and neglect syndrome, prevention of violence, bullying and cyberbullying. Hygiene of the educational process. School-related workload, timetabling and psychohygiene. Family and social environment, including health risks within the family. The home environment as a place for work and rest for children and adolescents. Injuries and poisoning in children and adolescents, prevention.

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; 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
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: 76

A	ABS0	B	C	D	E	FX
86,84	0,0	13,16	0,0	0,0	0,0	0,0

Lecturers: Mgr. Eliška Štefanová, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-051/24	Hygiene of Children and Adolescents (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-042/17 - Hygiene of Children and Adolescents (1)

Recommended prerequisites:
Hygiene of Children and Adolescents (1)

Course requirements:
EVALUATION:
a/ Problem-solving task (2 tasks; 10 points each) max. 20 points
b/ In-class activity (performance of food service duties in a school dining facility) max. 5 points
c/ Model scenario developed and presented in the form of a PowerPoint presentation max. 15 points
Each student will develop one model scenario according to the assignment and present it during the relevant practical exercise.
d/ Exam – oral – the student will draw two questions max. 60 points
Requirements for course completion:
Mandatory active participation in lectures and practical sessions. The instructor may excuse, for relevant reasons, a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
*Note: 1 day of block instruction = 4 hours; 2 credits will be awarded for each day of block instruction for the course; for 0.5 blocks (2 hours) of instruction, 1 credit will be awarded.
Overall Evaluation:
Number of Credits Earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
Successful completion of the course requires a minimum of 60 points in the overall grade.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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:
Facilities for children and youth as institutions for the protection, promotion, and development of children's health. Health risks in preschool facilities. Infectious diseases in children and adolescents. Cardiovascular health and prevention in children and adolescents. WHO activities in child and adolescent hygiene, preventive programs. Living and working conditions of children and youth, occupational health of adolescents. Material-consumption standards and recipes for school catering. Oral health in children and youth, dental caries prevention. Children's sandpits and playgrounds. Requirements for spatial and indoor equipment of facilities for children and youth, social services facilities, physical education facilities, and recreational and recovery facilities. Effective leisure time utilization in children and adolescents, impact of modern technologies and screen time. Requirements for communal catering facilities for children and adolescents. Menu design, programs promoting healthy nutrition in catering facilities, evaluation of menu composition and dietary diversity. Metabolic health in children and youth. Pediatric diabetes mellitus. Eating disorders. Respiratory health and maintenance of a healthy immune system. Allergies, immune disorders, respiratory diseases, and celiac disease. Mental health in children and youth, iodine deficiency issues. The role of state health supervision in hygiene of children and youth.

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., KOVÁCZ 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: 25

A	ABS0	B	C	D	E	FX
76,0	0,0	24,0	0,0	0,0	0,0	0,0

Lecturers: Mgr. Eliška Štefanová, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-009/25	Introduction into the Public Health

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
Evaluation
a/ Completion of assigned tasks during practical exercises (3 points each) max. 26 points
b/ Midterm test (14 questions, 1 point each) max. 14 points
c/ Written exam – test (30 questions, 2 points each) max. 60 points
The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Course Grade:
Points Earned GRADE
100 - 91 A
90 - 81 B
80–73 C
72–66 D
65–60 E
59 and below Fx
To successfully complete the course, students must earn at least 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
After the vompletion 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 ethiopathogenesis of diseases. He/she understands basic knowledge on individual and population based preventive strategies.

Class syllabus:
Public Health – Definition, Goals, and Tasks. Determinants of Health and Population Health Status. History of Hygiene and Epidemiology, Definitions, Classification, and Scope. Socio-economic and Ethical Aspects of Public Health. Public Health Problems in Developing Countries. Humans and the Living and Working Environment. Hygienic and Epidemiological Issues of Settlements in Developed and Developing Countries. Physical, Chemical, and Biological Environmental Factors and Their Impact on Public Health. Health Risk Assessment in the Living

and Working Environment, Food, and Nutrition. Nutrition Hygiene and Hygiene of Children and Adolescents from the Public Health Perspective. Public Health Perspective on the Health of At-Risk Populations. Methods of Work in Public Health. Preventive Programmes, Health Literacy, and Risk Communication. Sources of Scientific Information and Current Topics 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/

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, Ľ., 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: 11

A	ABS0	B	C	D	E	FX
9,09	0,0	36,36	36,36	18,18	0,0	0,0

Lecturers: PhDr. Mgr. Martin Novák, PhD., doc. PhDr. Romana Ulbrichtová, PhD., Mgr. Eva Malobická, PhD., prof. MUDr. Tibor Baška, PhD., Mgr. Jana Zibolenová, PhD., Mgr. Mária Tatarková, PhD., Mgr. Eliška Štefanová, PhD.

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-060/26	Law and Legislation in Healthcare

Educational activities:
Type of activities: practicals
Number of hours:
per week: 1 **per level/semester:** 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
EVALUATION:
Active participation in lectures and practical exercises is mandatory. The instructor may excuse absences totaling up to 20% of the total course hours for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
a/ Participation in practical sessions – 2 points each, i.e., a total of max. 14 points
b/ Midterm exam max. 36 points
c/ Model situation, case study, problem-solving task, PPT max. 50 points
Overall Grade (max. 100 points):
Points Earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
If the requirements for earning a passing grade are not met by the date specified in the syllabus, the course coordinator will set a deadline for fulfilling the requirements during the exam period. To successfully complete the course, students must earn at least 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After the completion of the subject, the student understands basic principles of law and formation of legislation in health care.

Class syllabus:
Essentials of law, legal systems, legal awareness Governmantal authorities Formation of governmental norms, legislation process Constitution of the Slovak Republic Lagal accountability in health care – administrative, labor-law Ethical code of health care worker, Charter of patient's rights in the Slovak Republic

Recommended literature:

Obligatory literature:

TÓTH KAROL a kol. Právo a zdravotníctvo II. Bratislava: Herba, 2013, 432 s. ISBN 978-80-89631-08-7

OZOROVSKÝ V. A KOL. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. (s 145 – 168). ISBN 978-80-89607-68-6

Recommended literature:

BARANCOVÁ, H. A KOL.: Medicínske právo. Trnava: Typi Universitatis Tyrnaviensis. Bratislava: Vydavateľstvo SAV, 2008.

CÍSAŘOVÁ, D., SOVOVÁ, O. A KOL.: Trestní právo a zdravotnictví. Praha: LexisNexis Nakladatelství Orac, 2004.. HUMENÍK, I.: Ochrana osobnosti a medicínske právo. Žilina, Eurokódex 2011

MACH, J.: Medicína a právo. Praha: C. H. Beck, 2006.

VLČEK, R., HRUBEŠOVÁ, Z.: Zdravotnícke právo. Bratislava: Epos, 2007

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

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

Lecturers: doc. PhDr. Simona Kelčíková, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚLBl/J-1-VZ-001/26	Medical Biology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
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

Learning outcomes:
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.

Class syllabus:
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.

Recommended literature:
• 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.
• Kubatka, P., Péč, M., Valentová, V.: Prehľad lekárskej biológie pre študijný odbor Verejné zdravotníctvo, Bratislava, Univerzita Komenského, 2013, 300 pp.

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution
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

Lecturers: prof. MUDr. Martin Péč, PhD., MPH, RNDr. Marek Samec, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚCJ/J-1-VZ-013/26	Medical Terminology

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
95% participation in seminars, at least 60% success in two written tests per semester.
Grading: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%
Exam: final grade summary result for credit (40%) and exam performance (60%)
Scale of assessment (preliminary/final): Exam: final grade summary result for credit (40%) and exam performance (60%)

Learning outcomes:
After completing this course the student acquires terminological competence, i.e. the ability of accurately and linguistically correct use of medical terminological material in oral and written form, as well as gaining a basic orientation in the general issues of medical terminology.

Class syllabus:
1. Introduction to medical Latin. I. Latin and Greek declensions
A brief overview of the history of medical terminology. Introduction to Latin grammar # pronunciation, syllable length, accent. Noun declensions, overview of declensions. Structure of multiword terms, close and loose attribute, prepositional phrases. Nouns and adjectives of the 1st Latin Declension. 1st declension Greek nouns. Connection of a noun with an adjective. Ad illustrandum: the term "pit" in anatomical terminology, the meanings of the terms "seam" and "fissure".
2. 2nd Latin and Greek declensions
2nd Latin declension nouns - masculine, neuters, gender exceptions - feminines. The rule of neuters of all declensions. 2nd declension Greek nouns - masculines and neuters. 2nd declension adjectives. Adjective word-forming suffixes -# suffix -ōsus, a, um.
Ad illustrandum: "humerus" and related terms; substantivized 1st and 2nd declension adjectives.
3. 3rd Latin consonant declension
Consonant declension - masculine and feminine nouns. Consonant declension - neuters. 3rd declension medical terms ending in -us. 3rd declension nouns combined with 1st and 2nd declension adjectives.
Ad illustrandum: expressing side in clinical diagnoses; eponyms in medical terminology.
4. 3rd Latin vowel declension

Vowel declension (masculine, feminine and neuter nouns). Definition of vowel declension nouns. Special declension of the "febris" type nouns. Differences between "corpus" and "rēte" patterns. Latin diminutives.
Ad illustrandum: terms representing openings in the anatomical nomenclature; types of bone fragment displacement in fracture.
5. 4th and 5th declensions
4th declension nouns – masculine, neuter gender. Gender exceptions: feminine nouns. 5th declension nouns. Combining 4th and 5th declension nouns with 1st and 2nd declension adjectives. Overview of Latin declensions. Specifics of the term "speciēs". Adjective suffix -oīdeus, a, um.
Ad illustrandum: Latin equivalents of the terms "cavity" and "channel".
6. 3rd declension adjectives
3rd declension Latin adjectives – one-termination, two-termination and three-termination adjectives. Declension of 3rd declension adjectives. Greek adjectives of the 3rd declension. The meaning of adjective suffixes -ālis, e / āris, e.
Ad illustrandum: Use of close and loose attribute. Synonymous names in Terminologia Anatomica.
7. TEST I
8. Comparison of adjectives
Regular, irregular and incomplete comparison of adjectives. Specifics of comparatives and superlatives in medical terminology. Order of attributes in Latin.
Ad illustrandum: the term "labium" and its meanings; exceptions to the use of the "major - minor" comparative.
9. 3rd Greek declension
Consonant declension, vowel declension. Clinical terms formed by the system suffixes -ītis, -ōma, -ōsis. Some basic Greek stems. Adjective suffix -icus, a, um.
Ad illustrandum: exceptions to the formation of terms denoting inflammation; the term "cardia" and its meanings.
10. Numerals.
Formal and grammatical structure of the medical prescription.
Cardinal, ordinal, multiple numerals, numeric multiple adverbs, decimal point. Declension of numerals. Combination of a numeral with a noun - expression of a counted object. Verbs in medical terminology - infinitive, imperative, present subjunctive. Formal and grammatical structure of the prescription, abbreviations used in prescription, examples of prescription writing. Some basic Greek stems.
Ad illustrandum: cranial nerves - nervī crāniālēs.
11. Prefixes
Word formation - basic rules of derivation. Latin and Greek prefixes: a) prefixes with the meaning of direction, place, time b) prefixes with the meaning of quality, negation. Some basic Greek stems.
Ad illustrandum: obstetrics: terms relating to the time of birth; naming the body planes.
12. Suffixes. Adverbs
Noun suffixes, adjective suffixes. Latin and Greek suffixes in Slovak. The most common adverbs in medical terminology. Some basic Greek stems.
Ad illustrandum: terms derived from the words "corōna" and "koróné"; adjectives derived from the word "spīna".
13. Compound words
The most common components of compound words. Connecting vowels. Position and frequency of compound words components. Word-formation models; semi-affixes. Overview of components: a) human body b) body substances, fluids, secretions c) quantity, quality d) colors e) process, diseased state f) therapy, diagnostics, surgical procedures.
Ad illustrandum: mūsculī collī; Latin titles.

14. TEST II

Recommended literature:
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

Languages necessary to complete the course:
Slovak and Latin language

Notes:

Past grade distribution
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

Lecturers: doc. Mgr. Erika Juríková, PhD., Mgr. Desana Kiselová

Last change: 24.06.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚMI/J-1-VZ-008/26	Microbiology (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚCJ/J-1-VZ-013/26 - Medical Terminology

Course requirements:
- 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%

Learning outcomes:
The student receives information from general bacteriology, viroloty, 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 desinfection 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 microscopiy, cultivation, identification, ATB suscptibility and tools of pathogenity testing. The student is able to continue the study that require the basis of bacterial cell structure, metabolismus, genetic and to use the gained knowledge for understanding the requirements of the next degree (microbiology 2).

Class syllabus:
Introduction to microbiology, Structure of bacterial cell, Physiology and metabolism of bacterial cell, Genetics of bacterial cell, Antibiotics, vaccines, desinfection, .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

Recommended literature:
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. Návody 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: 0

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

Lecturers: prof. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., doc. MUDr. Vladimíra Sadloňová, PhD., MUDr. Janka Jakušová, PhD.

Last change: 24.06.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚMI/J-1-VZ-020/26	Microbiology (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚMI/J-1-VZ-008/22 - Microbiology (1)

Course requirements:
- 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%

Learning outcomes:
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 microscopiy, 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.

Class syllabus:
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

Recommended literature:

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. Návody 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: 0

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

Lecturers: prof. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., doc. MUDr. Vladimíra Sadloňová, PhD.

Last change: 24.06.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-019/26	Nursing Techniques

Educational activities:
Type of activities: practicals
Number of hours:
per week: 3 **per level/semester:** 42
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-VZ-002/26 - Anatomy and JLF.ÚFy/J-1-VZ-003/26 - Physiology and JLF.ÚCJ/J-1-VZ-013/26 - Medical Terminology

Recommended prerequisites:
Nursing techniques 1

Course requirements:
GRADING
a/ Student participation (max. 14 weeks × 1 point) i.e., total max. 14 points
b/ Quizzes I and II (25 questions, 1 point each / 2 quizzes) max. 50 points
c/ PowerPoint presentation on a model situation (must be submitted and presented). max. 36 points
Overall grade (max. 100 points):
Points Earned 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 below Fx (fail - 4)
Attendance at class sessions is mandatory. Absences may be excused for valid reasons up to a maximum of 20% of total class time, in accordance with the Academic Regulations.
Successful completion of the course requires a minimum of 60 points in the overall evaluation. Part of the skills training involves the use of simulators for specific topics. If the requirements for receiving a passing grade (PH) are not met by the date specified in the syllabus, the course coordinator will set a date during the exam period for the student to make up the requirements for a passing grade.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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
• understands the system of work in department

• is able to perform prescribed nursing procedures
• is able to monitor hygienic-epidemiological model
. is able to realize and observe the performance of selected nursing procedures asepsis and antisepsis,
• is able to apply the knowledge, skills, work habits in a hospital.

Class syllabus:
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.

Recommended literature:
Obligatory literature:
KRIŠKOVÁ, A., a kol. Ošetrovateľské techniky. 1., 2. vyd. Martin : Osveta, 2006. 780 s. ISBN 80-8063-202-2
KELČÍKOVÁ, S. Hygienické zabezpečenie rúk v zdravotníckej starostlivosti II.: Vysokoškolské skripta pre študentov lekárskych fakúlt a nelekárskych študijných programov. Martin : JLF UK na portály MEFANET, 2013. 82 s. ISBN 978-80-89544-30-1URL: http://portal.jfmed.uniba.sk/clanky.php?aid=201
KELČIKOVÁ, S. Koncept hygieny rúk - implikácie do vzdelávania a ošetrovateľskej praxe. 1.vyd. Martin JLF UK, 2013. 120 s. [CD] ISBN 978-80-89544-60-8.
MIERTOVÁ, M., ŽIAKOVÁ, K., OVŠONKOVÁ, A. a kol. 2015. Multimediálna vysokoškolská učebnica techník a zručností. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. 672 s. Dostupné na: http://e-knihy.jfmed.uniba.sk/knihy/ostech/ ISBN 978-80-89544-88-2.
Vyhláška MZ SR č. 192/2015 Z. z. , ktorou sa mení a dopĺňa vyhláška MZ SR č. 553/2007 Z. z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia.
Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.
Zákon NR SR č. 355/2007 zákon o ochrane, podpore a rozvoji verejného zdravia.
Usmernenia RÚVZ / MZ SR k nozokomiálnym nákazám, MRO, epidémiám v zariadeniach.
WHO. WHO Guidelines on Hand Hygiene in Health Care. 2009. (auditná časť)

Languages necessary to complete the course:
Slovak language, Czech language

Notes:

Past grade distribution
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

Lecturers: doc. PhDr. Simona Kelčíková, PhD., Ing. Zuzana Hatoková, PhD.

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-025/22	Nutrition and Hygiene (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology

Recommended prerequisites:
Anatomy and physiology
Introduction in public health
Pathological Anatomy and Pathological Physiology

Course requirements:
Evaluation
GRADING:
Requirements for successful completion of the course:
a/ Midterm test (10 questions, 2 points each) max. 20 points
b/ Computer-based activity – model situations (4 questions, 5 points each) max. 20 points
c/ Problem-solving assignment max. 20 points
d/ Final exam (20 questions, 2 points each) max. 40 points
Active participation in lectures and lab sessions is mandatory. The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Number of points earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

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.

Class syllabus:

Basics of Nutrition Hygiene and Food Safety. Nutrition and Its Impact on Human Health. Hygienic and Health Aspects of Food. Food Risks and Prevention of Nutrition-Related Diseases. Assessment of the Nutritional and Health Quality of Food. Basic Legislative Requirements in the Field of Nutrition Hygiene and Food Safety.

Recommended literature:

Obligatory literature:

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

PODSTATOVÁ, H. základy epidemiológie a hygieny. Praha: Galén,2009. 158 s. ISBN:978-80-7262-597-0

Odporúčane výživové dávky (9.revízia).

Recommended literature:

https://www.uvzsr.sk

Platná legislatíva EÚ a SR v oblasti bezpečnosti potravín, označovania potravín a používania prídavných látok v potravinách.

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.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 35

A	ABS0	B	C	D	E	FX
82,86	0,0	17,14	0,0	0,0	0,0	0,0

Lecturers: Mgr. Eva Malobická, PhD., PhDr. Mgr. Martin Novák, PhD., Ing. Zuzana Hatoková, PhD.

Last change: 26.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-026/24	Nutrition and Hygiene (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚMI/J-1-VZ-020/26 - Microbiology (2) and JLF.ÚVZ/J-1-VZ-025/22 - Nutrition and Hygiene (1)

Recommended prerequisites:
Nutrition and hygiene 1, Microbiology 2

Course requirements:
EVALUATION:
Requirements for successful completion of the course:
a/ Completion of assigned tasks during practical exercises (13 exercises, 2 points each) max. 26 points
b/ midterm exam: (14 questions, 1 point each) max. 14 points
c/ oral exam: 2 questions max. 60 points
Active participation in lectures and practical exercises is mandatory. The instructor may excuse, for relevant reasons, a maximum of 20% of the total class time in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Points earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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.

Class syllabus:
Food Safety and the Official Control System. Hygienic Requirements for Food Establishments and Catering Facilities. Operation of Food Establishments and Assessment of Operational Conditions. HACCP System and Principles of Good Hygiene Practice. Materials and Articles Intended for Contact with Food. Sampling and Transportation of Food Samples. Legislative Requirements in the Field of Food Hygiene and Food Safety.

Recommended literature:
Obligatory literature:
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
Platná legislatíva SR a EÚ v oblasti hygieny výživy a bezpečnosti potravín
Potravinový kódex Slovenskej republiky.
Recommended literature:
https://www.uvzsr.sk/
JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5
JURIŠ, P. a kol. Hygiena výživy pre verejné zdravotníctvo. Košice: UPJŠ, 2019, 268 s., ISBN 978-80-8152-755-5

Languages necessary to complete the course:
slovak, czech

Notes:

Past grade distribution
Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
50,0	0,0	22,73	22,73	0,0	4,55	0,0

Lecturers: Mgr. Eva Malobická, PhD., prof. MUDr. Tibor Baška, PhD., PhDr. Mgr. Martin Novák, PhD.

Last change: 26.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-065/17	Nutrition in Prevention of Diseases

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-026/24 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-040/16 - Basics of Clinical Medicine (2)

Recommended prerequisites:
Nutrition and Hygiene 2, Basics of clinical medicine 2

Course requirements:
Evaluation
a) Computer-based activities (model situations, case studies) (6 × 3 points per activity) max. 18 points
b) Midterm exam (19 questions × 2 points) max. 38 points
c) Final exam (22 questions × 2 points) max. 44 points
Active participation in lectures and practical exercises is mandatory. The instructor may excuse absences for valid reasons for up to 20% of the total course duration in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Points Earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must earn a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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.

Class syllabus:

Nutrition as a Determinant of Health and an Important Factor in Disease Prevention. Nutritional Aspects of the Prevention of Chronic Non-Communicable Diseases. Nutrition in Relation to Metabolic, Skeletal, Immune, and Mental Health. Nutrition during Specific Life Stages. Assessment of Nutritional Risk Factors and Their Application in Health Promotion and Protection.

Recommended literature:

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 civilizačních 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.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 76

A	ABS0	B	C	D	E	FX
90,79	0,0	9,21	0,0	0,0	0,0	0,0

Lecturers: Mgr. Eva Malobická, PhD., Ing. Zuzana Hatoková, PhD.

Last change: 26.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-045/26	Objectification of Environmental Factors

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-028/24 - Preventive Occupational Medicine (1)

Recommended prerequisites:
Environmental Hygiene 2, Preventive Occupational Medicine 1

Course requirements:
Evaluation
a/ Completion of assigned tasks during practical exercises (3 points each) max. 26 points
b/ Midterm test (14 questions, 1 point each) max. 14 points
c/ Written exam – test (30 questions, 2 points each) max. 60 points
Overall Grade (max. 100 points):
Points Earned 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 below Fx (unsatisfactory - 4)
The instructor may excuse, for relevant reasons, a maximum of 20% of total class attendance in accordance with the JLF UK Study Regulations. Successful completion of the course requires a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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.

Class syllabus:
Objectivization of Environmental and Occupational Factors, Testing Methods. Components of the Living and Working Environment. Laboratory Safety. Methods of Sampling, Processing, and

Evaluation of Samples. Microbiological, Biological, Chemical, and Physicochemical Methods for the Analysis of Water, Air, Soil, Food, Cosmetics, and Articles of Everyday Use. Sensory Analysis. Methods for Measuring and Evaluating Physical Environmental Factors and Inhalation Exposure to Chemical Substances. Validation of Analytical Methods, Measurement Uncertainty, and Quality Assurance of Results.

Recommended literature:

Obligatory literature:

ČAJDOVÁ, J. Objektivizácia 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

978-80-223-4905-5

Languages necessary to complete the course:

Notes:

Past grade distribution

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

Lecturers: PhDr. Mgr. Martin Novák, PhD., Mgr. Mária Tatarková, PhD.

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚPF/J-1-VZ-006/15	Pathological Anatomy and Pathological Physiology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 2 **per level/semester:** 14 / 28
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
Assessment of students is carried out in the form of written examination, minimum passing score is 60%.
Assessment scale: A: 91–100 %, B: 81–90 %, C: 75–80 %, D: 66–74 %, E: 60–65 %, FX: 59 % and less.
Scale of assessment (preliminary/final): Scale of assessment (preliminary/final): 0/100

Learning outcomes:
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.

Class syllabus:
Introduction to the study of pathological anatomy and pathological physiology, etiology and pathogenesis.
External factors of disease origin and development (physical, chemical, biological).
Inflammation.
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.
Global and local circulatory disorders.
Pathophysiology of nutrition.
Diabetes mellitus.
Pathology and pathophysiology of ischemic heart disease.
Pathophysiology of arterial hypertension.
Pathophysiology of heart failure.
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.
Air pollutants.
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 pathology of the male and female reproductive system, pathological conditions associated with pregnancy.

Recommended literature:
Plank, L., Hanáček, J. a kol. Patologická anatómia a patologická fyziológia. Martin: Osveta , 2007. 285 s. ISBN 978-80-8063-241-0

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 101

A	ABS0	B	C	D	E	FX
0,0	0,0	12,87	29,7	21,78	33,66	1,98

Lecturers: prof. MUDr. Renata Péčová, PhD., MPH, prof. MUDr. Katarína Adamicová, PhD., MUDr. Michal Kalman, PhD., prof. RNDr. Mariana Brozmanová, PhD., MUDr. Tomáš Balhárek, PhD., MUDr. Petra Kolenčíková, PhD., MUDr. Juraj Marcinek, PhD., MUDr. Jozef Mičák, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Katarína Tobiášová, PhD., MUDr. Filip Olekšák, PhD., MUDr. Adam Markocsy, PhD., MUDr. Branislav Šlenker, PhD., MUDr. Eva Jurková Malicherová, PhD.

Last change: 27.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚFa/J-1-VZ-037/26	Pharmacology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 2 **per level/semester:** 14 / 28
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 3.

Educational level: I.

Prerequisites:

Course requirements:
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

Learning outcomes:
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.

Class syllabus:
Basic definition in pharmacology, HVLP, IPL, „narcotic law“, toxicomania. The route of drug administrations, drug dosage, side effects, and drug interaction.
• Factors affecting of drugs effect, Peculiarities of therapy according to age.
• Pharmacology of autonomic nervous system
• Pharmacology of central nervous system
• Opioid analgesics, Pain management
• Non-opioid analgesics, Antitheumatics
• Pharmacology of cardiovascular system
• Pharmacology of gastrointestinal system
• Pharmacology of respiratory system
• Antimicrobial drugs
• Drugs affecting the function of the endocrine glands
• Treatment of drug poisoning

• 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. Sapientia, Bratislava, 2006, 208 s.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
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

Lecturers: prof. RNDr. Soňa Fraňová, PhD., prof. MUDr. Mgr. Juraj Mokrý, PhD., prof. MUDr. Martina Šutovská, PhD., doc. PharmDr. Martin Kertys, PhD., Mgr. Matúš Dohál, PhD., doc. MUDr. Marta Jošková, PhD., Mgr. Eduard Gondáš, PhD., PharmDr. Michaela Krivošová, PhD., PharmDr. Nela Žideková, PhD.

Last change: 04.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚTV/J-1-VZ-TV1/25	Physical Education (1)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
prezence

Learning outcomes:
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.

Class syllabus:
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.

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 0

ABS0	M
0,0	0,0

Lecturers: PaedDr. Jozef Šimeček

Last change: 14.07.2025

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚTV/J-1-VZ-TV2/25	Physical Education (2)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
presence

Learning outcomes:
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.

Class syllabus:
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.

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 0

ABS0	M
0,0	0,0

Lecturers: PaedDr. Jozef Šimeček

Last change: 14.07.2025

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚFy/J-1-VZ-003/26	Physiology

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
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

Lecturers: prof. MUDr. Ingrid Tonhajzerová, PhD., doc. MUDr. Nikola Ferencová, PhD.

Last change:

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-055/17	**Course title:** Population Health and Demography

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-015/22 - Biostatistics and JLF.ÚVZ/J-1-VZ-016/15 - Human Ecology

Recommended prerequisites:
Biostatistics, Human ecology

Course requirements:
Evaluation
a. Test 1 with open-ended questions max. 10 points
b. Test 2 with open-ended questions max. 30 points
c. Test 3 with open-ended questions max. 30 points
d. Demographic analysis 2 x 10 points max. 20 points
e. Model problems max. 10 points
Active participation in lectures and lab sessions is required. The instructor may excuse, for relevant reasons, absence from a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall grade (max. 100 points):
Number of points earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must earn a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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: 76

A	ABS0	B	C	D	E	FX
59,21	0,0	32,89	6,58	1,32	0,0	0,0

Lecturers: Mgr. Jana Zibolenová, PhD.

Last change: 24.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-053/24	Practice in Hygiene and Epidemiology

Educational activities:
Type of activities: practicals
Number of hours:
per week: 20 **per level/semester:** 280
Form of the course: on-site learning

Number of credits: 14

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/24 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-031/16 - Hospital Hygiene and JLF.ÚVZ/J-1-VZ-062/24 - Public Health Legislation

Recommended prerequisites:
Environmental Hygiene 2, Nutrition and Hygiene 2, Hospital Hygiene, Public Health Legislation

Course requirements:
EVALUATION:
a/ Mandatory 100% attendance at the internship (1 point) - for each day of the internship max. 36 points
(excluding the week set aside to make up for absences)
b/ Completed internship logbook and internship report max. 14 points
Report content (for 2 selected departments):
- department profile (scope of work)
- description of all situations addressed during the practicum in the given department
- benefits for the student
The completed report, together with the logbook, must be submitted to the secretariat of the Department of Clinical Practice at the Faculty of Medicine, Comenius University, by April 30, 2026
c/ oral examination (model scenarios) max. 50 points
If the requirements for earning a passing grade (PH) are not met by the date specified in the syllabus, the course coordinator will set a date during the exam period for the student to fulfill the PH requirements.
Points Earned Grade
100–91 A
90–81 B
80–73 C
72–66 D
65–60 E
59 and below Fx
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

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

Class syllabus:
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.

Recommended literature:
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

Languages necessary to complete the course:
slovak

Notes:

Past grade distribution
Total number of evaluated students: 25

A	ABS0	B	C	D	E	FX
64,0	0,0	32,0	4,0	0,0	0,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, RNDr. Mária Marušiaková, PhD., MPH, Mgr. Eva Malobická, PhD., Mgr. Jana Zibolenová, PhD., Mgr. Mária Tatarková, PhD., Mgr. Miroslava Sovičová, PhD., PhDr. Mgr. Martin Novák, PhD., doc. PhDr. Romana Ulbrichtová, PhD.

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-028/26	Preventive Occupational Medicine (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-VZ-002/22 - Anatomy and Physiology and JLF.ÚLBch/J-1-VZ-067/18 - Biochemistry and JLF.ÚMI/J-1-VZ-020/26 - Microbiology (2) and JLF.ÚLBf/J-1-VZ-068/18 - Biophysics and Radiology and JLF.ÚVZ/J-1-VZ-009/25 - Introduction into the Public Health and JLF.ÚPF/J-1-VZ-006/15 - Pathological Anatomy and Pathological Physiology

Recommended prerequisites:
Anatomy and Physiology, Biochemistry, Biophisics and radiology, Microbiology 2, Introduction in the Public Health, Pathological anatomy and pathological physiology

Course requirements:
Evaluation
Requirements for successful completion of the course:
a/ Model situations (10 problems, 2 points each) max. 20 points
b/ Midterm exam – written ; max. 40 points (20 questions, 2 points each)
c/ Final exam – written max. 40 points (20 questions worth 2 points each)
Active participation in lectures and practical exercises is mandatory. Part of the skills training involves the use of simulators for specific topics. The instructor may excuse absences totaling up to 20% of the total course hours for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
If the requirements for receiving a passing grade are not met by the date specified in the syllabus, the course coordinator will set a deadline for fulfilling the requirements during the exam period.
Overall Grade (max. 100 points):
Points Earned GRADE
100 - 91 A
90 - 81 B
80–73 C
72–66 D
65–60 E
59 and below Fx
To successfully complete the course, students must earn at least 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

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.

Class syllabus:
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. Ergonomy. 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.

Recommended literature:
Obligatory literature:
ULBRICHTOVÁ R. Vybrané kapitoly z preventívneho pracovného lekárstva I. Martin: JLF UK, 2023. 89 s. ISSN 1337-7396 (dostupné na MEFANET)
LEGÁTH, Ľ., BUCHANCOVÁ, J. a kol. Pracovné lekárstvo. Vybrané kapitoly. Martin: Osveta, 2020. 295 s. ISBN 978-80-8063-493-3
MULLEROVÁ, D. a kol. Hygiena, preventivní 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.

Languages necessary to complete the course:
slovak, czech

Notes:

Past grade distribution
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

Lecturers: Mgr. Róbert Čecho, PhD., doc. PhDr. Romana Ulbrichtová, PhD., RNDr. Mária Hrušková, PhD., MPH

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-046/26	Preventive Occupational Medicine (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 1 **per level/semester:** 42 / 14
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-028/24 - Preventive Occupational Medicine (1)

Recommended prerequisites:
Preventive Occupational Medicine 1

Course requirements:
Evaluation
Requirements for successful completion of the course:
a) midterm tests (2 tests, 5 points each) max. 10 points
b) model problems (2 problems, 10 points each) max. 20 points
c) final oral exam (2 questions) max. 70 points
Active participation in lectures and practical exercises is mandatory. Part of the skills training involves the use of simulators for specific topics. The instructor may excuse absences totaling up to 20% of the total course duration for valid reasons, in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Points Earned 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 below Fx (insufficient - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall grade.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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.

Class syllabus:

Definition, characteristics and applicable legislation in the field of preventive occupational medicine, occupational health protection and hazardous work. Epidemiology of occupational diseases. Occupational history, its importance and application in clinical practice. Health disorders and occupational diseases associated with exposure to physical, chemical and biological factors in the working environment. Occupational diseases affecting the musculoskeletal system, skin, respiratory tract, hearing and voice. Effects of physical factors on health, including exposure to heat, cold, noise, vibration and radiation. Health disorders caused by chemical factors, selected toxic substances and industrial toxic agents, including acute and chronic intoxications. Occupational allergic diseases and other selected diseases related to working conditions. Biological monitoring and principles of laboratory practice in toxicology. Assessment of working conditions and occupational factors, identification and evaluation of health risks and their management. Prevention and protection of employees' health and principles of safe work. Specific aspects of occupational health disorders in selected occupational sectors and workplaces.

Recommended literature:

Obligatory literature:

ULBRICHTOVÁ R. Vybrané kapitoly z preventívneho pracovného lekárstva I. Martin: JLF UK, 2023. 89 s. ISSN 1337-7396 (dostupné na MEFANET)

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

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

Mullerová, D. a kol. Hygiena, preventivní 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: 0

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

Lecturers: Mgr. Róbert Čecho, PhD., doc. PhDr. Romana Ulbrichtová, PhD., MUDr. Tibor Záborský, PhD., MPH

Last change: 18.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚO/J-1-VZ-012/26	Professional Ethics

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Type, volume, methods and workload of the student - additional information
Form of Study: lectures/seminars
Number of contact hours
per week: 1/1 per level/semester: 14 hours of lectures / 14 hours of seminars CS: 30
Study method: full-time

Number of credits: 2

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
Continuous assessment: Active participation in seminars and presentation of a selected topic followed by discussion. 30 KS: literature review and preparation of a presentation. Final assessment is in the form of a course credit. Weighting of continuous/final assessment: continuous assessment 1/3 and course credit 2/3. Rating:
A: 91–100 %, B: 81–90 %, C: 74–80 %, D: 73–66 %, E: 60–65 %, FX: 59 % and less
Scale of assessment (preliminary/final): Weighting of continuous/final assessment: continuous assessment 1/3 and course credit 2/3.

Learning outcomes:
The student will acquire knowledge of ethical issues in the context of public health and gain an understanding of ethical theories, principles, and their significance in education, practice, and research in public health. The student will be able to apply this knowledge to case studies, analyze them, and identify ethical issues and dilemmas arising in practice. The student will be able to address moral problems and justify their positions through reasoned argumentation.
The course contributes to the development of students' moral attitudes toward public health, health and its societal dimensions, as well as toward other healthcare professions within interdisciplinary teamwork.

Class syllabus:
Introduction to ethics. Definitions of basic concepts: ethics and morality. Moral problems and moral reasoning. Major ethical theories: utilitarianism, deontology, virtue ethics, and ethics of care. Ethics and law.
Introduction to public health ethics. The Hippocratic tradition as a foundation of healthcare ethics. Principlism. Differences between clinical ethics and public health ethics. Ethical specificities of

public health. Core values: solidarity, justice, autonomy, and beneficence. Codes of ethics of healthcare professions and professional associations.
Human dignity and patients' rights. The common good and individual freedom. Patients' rights. Information disclosure and informed consent.
Theories of distributive and social justice. Vulnerable population groups.
Specific ethical issues in public health: mandatory measures, vaccination, screening programmes, and preventive interventions.
Environmental ethics and public health issues. The contemporary environmental crisis and its impact on population health.
Ethics in public health research. Ethics of biomedical research and scholarly publishing. Informed consent in research. Ethics committees. The Declaration of Helsinki.

Recommended literature:

BEAUCHAMP L.T., CHILDRESS, F.J. Principles of Biomedical Ethics. New York, Oxford: Oxford University Press, 2009
BERNHEIM, R. G. et al. Essentials of public health ethics. Burlington, Massachusetts: Jones & Bartlett Learning, 2015.
Etický kódex zdravotníckeho pracovníka, príloha č. 4. 2004. In: Zákon č. 578/2004 Z.z. Národnej rady Slovenskej republiky o poskytovateľoch zdravotnej starostlivosti, zdravotníckych pracovníkoch, stavovských organizáciách v zdravotníctve a o zmene a doplnení niektorých zákonov.
GLASA, J. Stručný prehľad biomedicínskej etiky pre pracovníkov vo verejnom zdravotníctve. In: MEDICAL ETHICS & BIOETHICS, 2009, 16(1-2).
MUNZAROVÁ, M. Zdravotnická etika od A do Z. Praha: Grada Publishing, 2005.
The Nuremberg Code, 1947
WMA Declaration Of Helsinki – Ethical Principles for Medical Research Involving Human Subjects
Zákon č. 578/2004 Z.z. Národnej rady Slovenskej republiky o poskytovateľoch zdravotnej starostlivosti, zdravotníckych pracovníkoch, stavovských organizáciách v zdravotníctve a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak, Czech and English language

Notes:

Past grade distribution
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

Lecturers: doc. Mgr. Juraj Čáp, PhD., Mgr. Martina Nebošková, PhD.

Last change: 28.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚPAs/J-1-VZ-069/26	Psychology and Professional Communication (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
The final assessment of students is conducted in the form of a written test, with a minimum passing score of 60%. Grading: A: 91–100%, B: 81–90%, C: 73–80%, D: 66–72%, E: 60–65%, FX: 59% and below.
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
A graduate of the course understands the professional terminology used in psychology, is able to use it appropriately, navigate professional literature, and briefly describe the differences in the approaches of selected schools of psychology to the study of human experience and behavior. Upon completion of the course, students acquire basic knowledge of the functioning of human cognitive psychological processes. They become familiar with changes in personality, behavior, actions, and psychological processes depending on age, as well as with the specific characteristics of individual developmental stages of human life.

Class syllabus:
Psychology as a science, major schools of psychology and their perspectives on the human being
Psychological disciplines, psychology in relation to related fields. Selected concepts from psychoanalytic, cognitive-behavioral and humanistic theories.
Cognitive Psychology I: perception, memory, attention.
Cognitive Psychology II: thinking and learning.
Memory and forgetting, altered states of consciousness. Psychology of addictions.
Personality, personality typologies, temperament, the biopsychosocial concept of personality. Human motivation.
Personality maturity, moral qualities, volitional behavior.
Overview of theories of development.
Developmental psychology: determinants of the development of the human psyche, maturation, developmental crises and critical periods in development.
Developmental psychology: developmental changes during childhood – from birth to preschool age.
Developmental changes during adolescence and early adulthood.
Developmental changes during middle and late adulthood.

Old age from the perspective of developmental psychology.

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: 0

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

Lecturers: Mgr. Ľubica Bánovčinová, PhD.

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚPAs/J-1-VZ-070/26	Psychology and Professional Communication (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚPAs/J-1-VZ-069/26 - Psychology and Professional Communication (1)

Recommended prerequisites:
Psychology and Professional Communication (1)

Course requirements:
Student assessment is conducted in the form of a seminar paper presentation (supervised practical output – 28 hours) and a written test, with a minimum passing score of 60%. Grading: A: 91–100%, B: 81–90%, C: 73–80%, D: 66–72%, E: 60–65%, FX: 59% and below.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
Upon completion of the course, students acquire basic knowledge of the principles governing the development of the human psyche and human functioning within social groups, interpersonal communication, and its importance in healthcare professions. Graduates of the course understand changes in personality, behavior, actions, and psychological processes, as well as an individual's social behavior influenced by internal characteristics (personality, motivation) and external factors (social environment, family). They become familiar with the principles of conducting professional interviews and the importance of active listening and empathy; they are able to identify and interpret the content of verbal and nonverbal communication. Completion of the course contributes to the development of students' social skills.

Class syllabus:
Determinants of the psyche, socialization and personality in relation to human development
Psychology of the family and its functions
Health psychology. Psychological stress and its impact on the individual
Burnout syndrome
Illness as a stressor, experiencing illness and coping with a diagnosis
Psychosomatics, the relationship between psychological and somatic processes, the biopsychosocial model of health and illness, quality of life
Psychological aspects of pain and health psychology
Social groups and their influence on the individual
Specific characteristics of the functioning of large groups, crowd psychology

Domestic violence and the CAN syndrome
Communication, the communication model
Interview and active listening in counselling
Nonverbal communication and its importance in professional communication
Mass media and communication with the public
Principles of public presentation, argumentation exercises
Principles of group management. Leadership
Social behavior and communication in relationships
Empathy and assertiveness in professional communication
Criticism and coping with affective attacks in communication
Principles of interview preparation

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: 0

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

Lecturers: Mgr. Ľubica Bánovčinová, PhD.

Last change: 25.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

STATE EXAM DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-SS2/24	**Course title:** Public Health (1)
Number of credits: 4	
Recommended semester: 5., 6..	
Educational level: I.	

Recommended prerequisites:
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.

Course requirements:
2. Public Health I
Evaluation involves following parts:
a) Practical part of the exam (a student draws one - proposal of procedure how to deal with a model situation
- Assessment of a shown protocol
b) Theoretical part of the exam (a student draws one from complex questions)
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):
- Proposal of procedure how to deal with a model situation
- Assessment of a shown protocol
b) Theoretical part of the exam (a student draws one from 25 complex questions)
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)
Scale of assessment (preliminary/final): 100/0

Learning outcomes:
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 gat 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.

Class syllabus:

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).
Practical part of the state exam:
- proposal of approach to solve a model situation
- evaluation of a presented record
Theoretical part of the state exam:
- responding to a complex question to present comprehensive theoretical knowledge on a given problem

State exam syllabus:

The content includes articles Public Health completed within the Bachelor study

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, Súčasnosť, Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1BAZOVSKÁ, 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, 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
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
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.pdf18.
25. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Dostupné na: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf

Languages necessary to complete the course:
slovak, czech, english

Last change: 11.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-062/26	Public Health Legislation

Educational activities:
Type of activities: lecture
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-060/25 - Law and Legislation in Healthcare

Recommended prerequisites:
Law and Legislation in Healthcare

Course requirements:
Evaluation
GRADING:
a/ Problem-solving assignments (3 assignments, 10 points each) max. 30 points
b/ Continuous assessment: 20-question test (1 question = 2 points) max. 40 points
c/ Model situation max. 30 points
Active participation in lectures is mandatory. The instructor may excuse absences for valid reasons for up to 20% of the total course duration in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
Overall Grade (max. 100 points):
Points Earned 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 below Fx (insufficient - 4)
* supervised self-study
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completion of the subject, the student understands essential legislation in public health and is able to apply it in a practice.

Class syllabus:

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
Platné právne predpisy vo VZ 18.02.2025.docx
Platná legislatíva SR a EU
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
Legáth, Ľ., Buchancová, J.: Pracovné lekárstvo. Vybrané kapitoly I. Martin:Osveta, 2020. 292 s. ISBN: 978-80-8063-493-3

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

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

Lecturers: MUDr. Tibor Záborský, PhD., MPH, doc. PhDr. Romana Ulbrichtová, PhD., RNDr. Mária Marušiaková, PhD., MPH

Last change: 02.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-056/24	Research in Public Health I.

Educational activities:
Type of activities: practicals
Number of hours:
per week: 2 **per level/semester:** 28
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-050/24 - Basics of Scientific Research Work

Recommended prerequisites:
Basics of Scientific Research Work

Course requirements:
Evaluation
a/ Work Journal I max. 50 points b/ Work Journal II max. 50 points
Points Earned 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 below Fx (insufficient - 4)
If the requirements for earning a PH are not met by the date specified in the syllabi, the course coordinator will set a deadline for fulfilling the PH requirements.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
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/legislativa/2018/Vp_2018_07.pdf
Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných(bakalárksych a diplomových) prác študentov JLF UK v Martine (Vnútorný 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
Entrez PubMed (Medline). Available at: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed
SCOPUS. Dostupné na: www.scopus.com
ŠTUDOVŇA GOOGLE. Dostupné na: https://scholar.google.sk/
LICHNEROVÁ, 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
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: 25

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

Lecturers: doc. PhDr. Romana Ulbrichtová, PhD.

Last change: 13.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-067/22	Social Medicine

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 1 / 1 **per level/semester:** 14 / 14
Form of the course: on-site learning

Number of credits: 2

Recommended semester: 4.

Educational level: I.

Prerequisites:

Course requirements:
EVALUATION:
Attendance at classes is mandatory. Absences may be excused for valid reasons up to a maximum of 20% of the total class time, in accordance with the Academic Regulations.
Requirements for Course Completion (max. 100 points):
a/ Active participation – 2 points per PC max. 14 points
b/ PowerPoint presentation max. 26 points
c/ Oral exam (2 questions) max. 60 points
Overall Grade (max. 100 points):
Points Earned 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 below Fx (unsatisfactory - 4)
To successfully complete the course, students must achieve a minimum of 60 points in the overall evaluation.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
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. 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.

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. 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.

Recommended literature:

Obligatory literature:

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

Materiály dostupné na internete:

http//:www.health.gov.sk

http://www.uvzsr.sk

Aktuálne platná legislatíva zabezpečujúca poskytovanie zdravotnej starostlivosti.

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

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution

Total number of evaluated students: 50

A	ABS0	B	C	D	E	FX
74,0	0,0	22,0	4,0	0,0	0,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD., prof. MUDr. Viera Švihrová, CSc., Mgr. Jana Zibolenová, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-68/22	Sociology of Healt

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 2 / 1 **per level/semester:** 28 / 14
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚPAs/J-1-VZ-048/16 - Health Education

Course requirements:
Evaluation of students takes the form of a written test, the minimum threshold of success: 60%. Defence the semester thesis on health education project. 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): 100/0

Learning outcomes:
Student:
• understands health and disease as a social phenomenon,
• is able to understand the sociological analysis of social phenomena relating to health,
• is able to explain the terms and also analyse a difference between sociology of health service and sociology in health service,
• is able to analyse relationship doctor- nurse- patient and also nurse- doctor relationship,
• is able to specify a function of self-supporting groups.

Class syllabus:
Sociology of health. Historical develepoment of sociological approaches to health
Definition of health and disease. Healthy living and working conditions
Sociological characteristics of health and disease. Behavior in health and disease
The social role of the patient. Communication between patient and health worker. Observance of patient medical plan – compliance.
Terminology of self-supporting groups- their characteristics, aims, functions and needs.
Relationships between health workers (doctor- nurse- patient; nurse- doctor); Relationships between health workers and patient family. Visits.
Medicalization of life in postmodern society.
Sociological research.

Recommended literature:
BÁRTLOVÁ, S.- MATULAY.S. 2008. Sociológia zdravia, choroby a rodiny. 2008. Vydavateľstvo Osveta: Martin. 2008. 141s. ISBN 978-80-8063-306-6.

DUFFKOVÁ, J. et al. 2008. Sociologie životního stylu. Plzeň :Aleš Čeněk, 2008. 237s. ISBN 978-80-7380-123-6.
SOPÓCI, J. 2013. Moderná spoločnosť a sociálna zmena. Vyd. STIMUL, Bratislava. ISBN: 978-80-8127-085-7
SOPÓCI,J. 2017. Sociálna stratifikácia a mobilita v sociologickej perspektíve. Vydavateľstvo UK: Bratislava, 2017. s. 134. ISBN 978-80-8127-180-9
Džambazovič,R; Gerbery,D; Sopóci,J. 2018. Sociálna stratifikácia a sociálna mobilita v Slovenskej spoločnosti. Vydavateľstvo UK: Bratislava, 2018. s. 201. ISBN 978#80#8127#211#0
MOŽNÝ,I. 2006. Rodina a společnost. SLON: Praha. 2006. 311s. ISBN 80-86429-58-X
HOLČÍK, J. a kol. 2005. Systém péče o zdraví a zdravotnictví. 1. vyd. Brno: Ústav sociálního lékařství a veřejného zdravotnictví Lékařskej fakulty Masarykovej univerzity. 2005. 186 s.
Zdravie 21 - zdravie pre všetkých v 21. storočí. Editor Svetová zdravotnícka organizácia - Európska úradovňa. Bratislava : Štátny zdravotný ústav SR, 2001. 155 s. ISBN 80-7159-119-X.

Languages necessary to complete the course:
Slovak language, Czech language

Notes:

Past grade distribution
Total number of evaluated students: 49

A	ABS0	B	C	D	E	FX
38,78	0,0	53,06	8,16	0,0	0,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD., Mgr. Nika Štekláčová

Last change: 18.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-066/17	State Health Supervision

Educational activities:
Type of activities: lecture
Number of hours:
per week: 1 **per level/semester:** 14
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-062/24 - Public Health Legislation

Recommended prerequisites:
Law and Legislation in Healthcare

Course requirements:
Evaluation
a/ Student activity on the computer max. 28 points
b/ Model situation 1 max. 36 points
c/ Model situation 2 max. 36 points
Active participation in lectures is required. The instructor may excuse, for relevant reasons, a maximum of 20% of the total course hours in accordance with the Study Regulations of the Faculty of Medicine, Comenius University.
A case study based on prevailing issues encountered in the professional activities of the Regional Public Health Authority (RÚVZ), involving the practical application of students' theoretical knowledge in the performance of state health surveillance, with an emphasis on comprehensive assessment and resolution of the issues.
One excused absence (in accordance with the Study Regulations of the Faculty of Medicine, Comenius University).
If the requirements for receiving a passing grade are not met by the date specified in the syllabus, the course coordinator will set a deadline for fulfilling the requirements during the exam period.
Successful completion of the course requires a minimum of 60 points in the overall evaluation.
Overall Grade (max. 100 points):
Points Earned GRADE
100 - 91 A
90 - 81 B
80 - 73 C
72 - 66 D
65 - 60 E
59 and below Fx
Scale of assessment (preliminary/final): 50/50

Learning outcomes:

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.

Class syllabus:
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).

Recommended literature:
Obligatory literature:
ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2013, ISBN: 9788089057443
Legáth, Ľ., Buchancová, J.: Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020. 292 s. ISBN: 978-80-8063-493-3
Právne predpisy v oblasti ochrany, podpory a rozvoja verejného zdravia, verejného zdravotníctva v platnom znení
www.slov-lex.sk; https://eur-lex.europa.eu

Languages necessary to complete the course:
slovak, czech

Notes:

Past grade distribution
Total number of evaluated students: 75

A	ABS0	B	C	D	E	FX
80,0	0,0	17,33	2,67	0,0	0,0	0,0

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

Last change: 02.09.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-017/24	Summer Practice (1)

Educational activities:
Type of activities: practice
Number of hours:
per week: **per level/semester:** 30s
Form of the course: on-site learning

Number of credits: 1

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-VZ-002/26 - Anatomy and JLF.ÚFy/J-1-VZ-003/26 - Physiology and JLF.ÚVZ/J-1-VZ-019/26 - Nursing Techniques and JLF.ÚCJ/J-1-VZ-013/26 - Medical Terminology

Recommended prerequisites:
Anatomy and Physiology, Nursing Techniques 1, Nursing Techniques 2, Medical Terminology

Course requirements:
The student in the record of practical procedures and proceseeng in the hospital (department of surgery, internal medicine) must prove and submit a certificate:
•confirmation of participation in training on safety at work, record of arrivals and departures at work
•submitting Record on practical performances and procedures
•submitting the document with the evaluation of the head of the ward
Scale of assessment (preliminary/final): 100/0ABS

Learning outcomes:
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
• understands the system of work in department
• is able to perform prescribed nursing procedures
• is able to work actively in schedule of department.

Class syllabus:
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.

Recommended literature:

Languages necessary to complete the course:
Slovak language, Czech language

Notes:

Past grade distribution
Total number of evaluated students: 21

ABS0	M
100,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD.

Last change: 22.08.2025

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚVZ/J-1-VZ-038/24	Summer Practice (2)

Educational activities:
Type of activities: practice
Number of hours:
per week: **per level/semester:** 120s
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚVZ/J-1-VZ-024/24 - Environmental Hygiene (2) and JLF.ÚVZ/J-1-VZ-026/24 - Nutrition and Hygiene (2) and JLF.ÚVZ/J-1-VZ-031/26 - Hospital Hygiene and JLF.ÚVZ/J-1-VZ-062/26 - Public Health Legislation

Recommended prerequisites:
Environmental hygiene 2, Nutrition and Hygiene 2, Hospital Hygiene, Law and Legislation in Healthcare

Course requirements:
Practice schedule:
• Department of Epidemiology 24 hours
• Department of Preventive Occupational Medicine 24 hours
• Department of the Environment 18 hours
• Department of Nutritional Hygiene 18 hours
• Department of Children and Youth 24 hours
• Department of Health Promotion and Health Education 12 hours
If the relevant Regional Public Health Authority (or division, department) is involved in tasks, projects, or grants
• familiarize themselves with the specific issues
• At the beginning of the summer internship, the student will start a logbook and complete the Record of Practical Activities in Public Health, which they will continue to maintain throughout their studies at the Faculty of Medicine, Comenius University (course: Internship in Hygiene and Epidemiology in the 3rd year of the Bachelor's program and the 1st year of the Master's program)
• During the internship, the student records all tasks and activities in which they participate in both the journal and the Record of Practical Activities in Public Health. Both records must be signed by a Regional Public Health Authority (RÚVZ) staff member with whom the student addressed a professional problem or participated in fieldwork.
• Upon completion of the internship at the relevant department, the student must have the "Record of Practical Activities in Public Health" signed by the head of the relevant RÚVZ department.
• The student must bring the following to the internship: the "Record of Practical Activities in Public Health," in which they will document the completed internship, and the daily log (continuation from Summer Internship 1).

• Upon completion of the internship, the director of the relevant Regional Public Health Authority (or a designated employee of the Regional Public Health Authority) will confirm completion of the internship on the appropriate form (ASSIGNMENT SHEET) and will enter the student's evaluation in the Record of Practical Activities in Public Health.
• Upon completion of the summer internship, the student will submit the certificate of completion to the secretariat of the Public Health Institute (ÚVZ) at the Faculty of Medicine, Comenius University (JLF UK), along with the logbook and the Record of Practical Activities in Public Health, which the student maintained during the internship.
• After verification, the logbook and the Record will be returned to the student
Scale of assessment (preliminary/final): 100/0ABS

Learning outcomes:
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

Class syllabus:
Epidemiology:
- - organization of work in the department
- notification of communicable diseases, Epidemiological Information System, notification of flu and flu-like diseases
- work in the outbreak area
- checking of vaccination
- health facilities (Hygiene-epidemiological regime)
Preventive occupational medicine
- organization of work in the department
- state health supervision in preventive occupational medicine in the given region
- occupational diseases
Environmental hygiene
- organization of work in the department
- state health supervision, food supervision
- travelling
Hygiene of child and youth
- organization of work in the department
- state health supervision
- summer recreation actions
Health education
- organization of work
- health-education activities
implementation of tasks, projects and grants

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: 22

ABS0	M
100,0	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD.

Last change: 12.08.2026

Approved by: prof. MUDr. Tibor Baška, PhD., doc. PhDr. Romana Ulbrichtová, PhD., doc. PhDr. Simona Kelčíková, PhD.