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COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚA/J-1-OS-001/26	**Course title:** 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: 3

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:
understands 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, nurses, and other members of the healthcare team;
has knowledge of the structure and topographical relationships of the major organ systems, with emphasis on structures relevant to nursing care, particularly the cardiovascular, respiratory, digestive, urinary, nervous, and musculoskeletal systems;
understands the topographical, functional, and clinically relevant relationships between organs and anatomical structures that are important for patient care, monitoring the patient's health status, and performing basic nursing procedures;
is able to identify the main anatomical structures in images, models, virtual representations, and cadaveric specimens;
is able to apply anatomical knowledge when orienting on the patient's body, assessing basic anatomical regions, understanding the principles of selected diagnostic and therapeutic procedures, and preventing potential complications;

is able to independently interpret and apply the acquired anatomical knowledge in subsequent preclinical and clinical courses, particularly physiology, nursing procedures, internal medicine, surgery, neurology, emergency medicine, and other clinical disciplines.
Knowledge of anatomy provides an essential foundation for understanding the structure and function of the human body, ensuring correct orientation on the patient's body, and delivering safe nursing care. It enables graduates to participate actively, responsibly, and competently in patient care across various areas of healthcare practice.

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.
Topographical anatomy of the head and neck, thorax, abdomen, pelvis, back, and limbs.
The course emphasises topographical, functional, and clinically relevant relationships essential for subsequent professional courses and safe nursing practice.
Particular attention is given to anatomical regions relevant to basic nursing procedures, orientation on the patient's body, monitoring of vital signs, and administration of medications.
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 nursing care and clinical 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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-OS-CJ5/22	**Course title:** Basics 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-OS-CJ4/22 - Basics of English Language (1)	
Recommended prerequisites: 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: 21.03.2022

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-CJ6/22	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: 2

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

Lecturers: Mgr. Anna Barnau, PhD., doc. Mgr. Erika Juríková, PhD.

Last change: 21.03.2022

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-OS-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-OS-CJ6/22 - Basics of German Language (1)	
Recommended prerequisites: Basics of German language 1	
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. – 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: 1

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

Lecturers: Mgr. Anna Barnau, PhD., doc. Mgr. Erika Juríková, PhD.

Last change: 21.03.2022

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-051/26	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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-052/18	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: 2

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 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. They know the principles of health protection against ionizing radiation and the basics of dosimetry

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 medical and nursing practice.

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: 334

A	ABS0	B	C	D	E	FX
20,66	0,0	26,05	29,04	20,66	3,29	0,3

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

Last change: 10.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-026/26	Clinical Propedeutics

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

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-OS-001/26 - Anatomy and JLF.ÚFy/J-1-OS-064/26 - Physiology

Course requirements:
100% attendance in classess
The evaluation of students takes place in the form of a written knowledge test and evaluation of the written elaboration of anamnestic data and physical examination in a form of final semestral report.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): final evaluation

Learning outcomes:
Cognitive Domain (Knowledge) – Student
Defines basic concepts in the areas of medical history, physical examination, and auxiliary investigations.
Describes the methodology of examining individual organ systems (head, neck, heart, lungs, abdomen, nervous system...), demonstrates knowledge of functional, imaging, endoscopic diagnostic methods and patient preparation for these examinations.
Explains the significance of individual examination techniques (palpation, percussion, auscultation).
Differentiates physiological and pathological findings during patient examination, and is able to assess the patient's condition with a focus on identifying cases requiring urgent medical and nursing intervention.
Interprets basic results of ECG, spirometry, urine tests, and laboratory parameters (e.g., CRP).
Evaluates the importance of various auxiliary and imaging examinations in clinical practice.
Psychomotor Domain (Skills) – Student
Obtains and records a complete patient history.
Performs systematic physical examination of the head, neck, chest, abdomen, nervous and musculoskeletal systems.
Records findings in a standardized format.
Applies examination techniques for vessels, breasts, kidneys, head, neck, chest, and abdomen.
Performs basic auxiliary investigations (ECG, spirometry, CRP test).

Monitors the patient's condition during examination and responds to changes in clinical presentation.
Conducts triage based on urgency of condition, using physical examination, assessment of vital signs, and collected history.
Indicates urinary catheterization and inserts a permanent urinary catheter in women; ensures functionality of permanent urinary catheters in both women and men.
Performs blood testing using simple POCT (Point-of-Care Testing) devices.
Utilizes structured communication methods for critical events in clinical practice (SBAR).
Affective Domain (Attitudes) – Student
Demonstrates a professional, empathetic, and ethical approach to the patient.
Respects confidentiality and sensitivity when obtaining medical history.
Collaborates within the team during patient examination and consultation of findings.
Reflects on personal mistakes and engages in self-reflection during debriefing.
Approaches the preparation of semester work and documentation of examination responsibly.

Class syllabus:

Collection of medical history and documentation of data includes current illness, personal, family, occupational, social, pharmacological, allergic, gynecological, and epidemiological history. The general physical examination of the patient (status praesens generalis) involves the methodology of physical examination techniques and documentation of findings through inspection, auscultation, palpation, percussion, and rectal examination. It also includes the basic principles of patient triage. The local physical examination (status praesens localis) focuses on the head and neck, comparing physiological and pathological findings. Examination of the cardiovascular system includes assessment and analysis of subjective symptoms and objective signs such as chest pain, dyspnea, cyanosis, syncope, palpitations, muscle weakness, fatigue, edema, and claudication. It also includes physical examination of the heart and chest through inspection, percussion, auscultation, and palpation, and comparison of physiological and pathological findings.
Basic principles of electrocardiography cover the examination method, common cardiac disorders and their manifestations on ECG, and interpretation of ECG recordings. Examination of the respiratory system includes assessment and analysis of symptoms such as dyspnea, cyanosis, cough, wheezing, and chest pain. Physical examination of the airways and lungs/chest is performed through inspection, percussion, palpation, and auscultation. Functional tests and spirometry are included, along with comparison of physiological and pathological findings.
Examination of the digestive system involves assessment and analysis of symptoms such as bleeding, dysphagia, upper and lower dyspepsia, problems with food and fluid intake, nausea and vomiting, issues with urination and defecation, fatigue, changes in vital signs, itching, and skin changes. Physical examination of the abdomen includes inspection, palpation, percussion, and auscultation, along with diagnostic procedures and endoscopic examinations.
Neurological examination includes assessment and analysis of symptoms such as dizziness, headache, sensory and motor disturbances in limbs, tremor, syncope, seizures, and visual symptoms, with a focus on stroke. Examination of the uropoietic system includes symptoms such as edema, nephrotic and nephritic syndrome, renal colic, and hematuria. Urine testing and diagnostic procedures for kidney and urinary tract diseases are included.
Diagnostic imaging methods include X-ray with and without contrast, fluoroscopy, radiography, angiography, coronary angiography, barium enema, CT, ultrasound, and MRI. A summary of endoscopic methods is also provided.
Practical training includes history taking and documentation, sample histories, general physical examination and documentation, head and neck examination and documentation of findings including pathological findings, vascular disease and vascular examination, breast examination as part of chest assessment, heart examination and documentation of findings,

ECG interpretation and auxiliary and imaging examinations in cardiology, pulmonary function testing and spirometry, auxiliary examinations in pulmonology, respiratory system examination, assignments and consultations for semester work and patient examination, abdominal examination and documentation of findings, neurological and musculoskeletal system examination and documentation, kidney examination, urine testing, and basic laboratory measurements using POCT (Point-of-Care Testing).

Recommended literature:

Fetisovová, Ž. et al. Klinická propedeutika ošetrovateľstva a pôrodnej asistencie. Martin: Osveta, 2012.
Lazurová, I., Valočníková, I. Interná propedeutika. Martin: Osveta, 2014.
Hloch, O. Propedeutika cz [online]. Praha: Interná klinika 2. LF UK a FN v Motole, 2014. Available on: http://new.propedeutika.cz/
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: GRADA, 2015.
Thomas, J., Monaghan, T. Klinické vyšetření moderní propedeutika. Praha: Grada, 2014.

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. Jana Plevková, PhD., prof. MUDr. Daniela Mokrá, PhD., MUDr. Tomáš Buday, PhD., MBA, MSc., Ing. Lukáš Martvoň, PhD.

Last change: 23.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-025/16	Communication

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: 3.

Educational level: I.

Prerequisites:

Course requirements:
Student assessment takes form of a presentation of the thesis, a monitored self-study (10 hours) is also a necessary condition of the assessment. Minimal required level is: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
After completion of the subject the student obtains fundamental information about interpersonal communication and its significance in health-care professions. The student understands principles of professional interview, the importance of active listening and empathy; is able to identify and interpret contents of verbal and non-verbal communication. This course contributes to development of students´ social skills. On the basis of the solution of model situations, student can adequately respond to the demands of patients, their family members, as well as co-workers and to deal with conflict situations and criticism.

Class syllabus:
- Introduction, aims of the course, the significance and specifics of communication in the health care professions.
- Self-knowledge, methods of assessment and evaluation of others.
- Social skills, presentation in public.
- Ability of self- presentation, motivation and personality profile.
- Nonverbal communication (nvk): components and importance of nvk in professional communication, interpretation of nvk, compliance and non-compliance of nvk and verbal communication.
- Assertiveness in communication and it´s development, manipulation.
- Criticism, coping with the affective attack in communication.
- Interview: types of interview, phases of professional interview, types of questions.
- Active listening and empathy.
- Group talk, group decision-making and cooperation.
- Conformity, dominance vs. obedience and power issues in communication.
- Conflicts and their solution, prejudice in communication.

- Communication styles in conflict situations.
- Specifics of communication with selected groups of patients.

Recommended literature:

Andrášiová M., Bednařík A.: Budem k Vám úprimný..., Bratislava: Effectivity, 2015.
Belz, H., Siegrist, M.: Klíčové kompetence a jejich rozvíjení, Praha: Portál, 2015
Ayers S., de Visser R.: Psychologie v medicíne, Praha: Grada, 2015.
Honzák R.: Svépomocná příručka sestry, Praha: Galén, 2015.
Hašto J.: Autogénny tréning, Bratislava, Vydavateľstvo F, 2018.
DeVito J.A.: Základy medzilidské komunikace, Praha: Grada, 2008.
Janáčková L., Weiss P.: Komunikace ve zdravotnické péči, Praha: Portál, 2008.
Vybíral Z.: Psychologie komunikace, Praha, Portál, 2009.
Vymětal J.: Průvodce úspěšnou komunikací, Praha, Grada, 2008.
Praško J., Prašková H.: Asertivitou proti stresu, Praha, Grada, 2007.
Belz H., Siegrist M.: Klíčové kompetence a jejich rozvíjení, Praha: Portál, 2001.
Komadová K.: Komunikační dovednosti v psychosociální praxi, Praha: Portál, 2011.
Vymětal J.: Lékařská psychologie, Praha: Portál, 2003.

Languages necessary to complete the course:
Slovak language/czech language

Notes:

Past grade distribution
Total number of evaluated students: 293

A	ABS0	B	C	D	E	FX
99,66	0,0	0,0	0,34	0,0	0,0	0,0

Lecturers: Mgr. Zuzana Škodová, PhD.

Last change: 19.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-049/26	Community Nursing Care

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.ÚO/J-1-OS-013/22 - Nursing I. (2)

Course requirements:
CS (10 hours) – literature study, exam preparation
CPV (30 hours) – preparation of a patient case study focused on a comprehensive assessment of the patient's health status, diagnosis, planning and implementation of nursing interventions, including educational interventions; analysis of the specific features of nursing documentation in outpatient healthcare. Student assessment is carried out through evaluation of the clinical practice output and a written test; minimum passing rate: 60%.
Overall grading:
A: 100–91%, B: 90–81%, C: 80–73%, D: 72–66%, E: 65–60%, FX: 59 % and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course, the student is able to describe the role of the nurse in community nursing care with a focus on various population groups and other specific groups. The student is able to assess the needs of the community and plan and implement patient care in the home setting. The student can describe and evaluate the work of the nurse and the process of providing care in outpatient settings and community healthcare facilities. The student is able to explain the importance of primary, secondary, and tertiary prevention.
The student is able to apply theoretical knowledge in clinical practice, perform basic nursing procedures (collection of biological samples from patients, monitoring and assessment of physiological functions, assistance during diagnostic and therapeutic procedures, patient education), and effectively collaborate with members of a multidisciplinary team. The student is able to respond appropriately in acute situations and provide immediate nursing care. The student will apply ethical principles and adhere to legislative regulations and standards important for the practice of clinical work.
The student demonstrates communication skills using the SBAR method.

Class syllabus:
Community nursing. The position and roles of nursing in primary, secondary, and tertiary care settings. Types of communities. Basic characteristics of community health. Forms of healthcare delivery.

Home nursing care. Forms of home care. Financing of home care, material and technical equipment, cooperation with health insurance companies, system of education of nurses in home care, and professional competencies.
Home nursing care agencies. Ethical aspects of nursing practice in home nursing care.
Community nursing care in mental health (patients with schizophrenia, intellectual disability, and addiction disorders).
Community nursing care of families. Assessment of family health and risk factors. Families with mentally disabled children, alcoholism, and domestic violence in families.
Community nursing care of children. Assessment of children's needs. The role of the school nurse.
Community nursing care of women. Specific aspects of healthcare for women. Models of preventive care for women.
Community nursing care of older adults. Institutions providing long-term care.
Community nursing care of specific population groups (Roma population, long-term unemployed, migrants).
Community nursing care of high-risk population groups (homeless people, HIV/AIDS, and other infectious diseases with high incidence in at-risk communities).

Recommended literature:

Bašková, M. a kol. 2009. Výchova k zdraviu. Martin : Osveta, 2009. 227 s. ISBN 978-80-8063-320-2.
Hanzlíková, A. a kol. 2006. Komunitné ošetrovateľstvo. 3. vyd. Martin: Osveta, 2006. 279 s. ISBN 80-8063-213-8.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13th ed. New York: Thieme, 2024.
Jarošová, D. 2007. Úvod do komunitního ošetřovatelství. 1. vyd. Praha : Grada Publishing, 2007. 99 s. ISBN 978-80-247.
Kožuchová, M. a kol. 2014. Domáca ošetrovateľská starostlivosť. Martin: Osveta, 2014. 244 s. ISBN 978-80-8063-414-8.
Kožuchová, M. a kol. 2019. Manažment ošetrovateľskej starostlivosti I. Martin : Osveta, 2019. 367 s. ISBN 978-80-8063-468-1.
Kožuchová, M. a kol. 2022. Manažment ošetrovateľskej starostlivosti II. Martin : Osveta, 2022. 720 s. ISBN 978-80-8063-508-4.
Kurucová, R. 2016. Zátěž pečovatele. Posuzování, diagnostika, intervence a prevence v péči o nevyléčitelně nemocné. Praha : Grada, 2016. 112 s. ISBN 978-80-2475-707-0.
Kurucová, R. 2021. Vybrané kapitoly z primárnej ošetrovateľskej starostlivosti: Portál JLF UK, 2021. [on-line]. ISBN 978-80-8187-101-6. Dostupné na internete: https://portal.jfmed.uniba.sk/clanky.php?aid=443.
Nursing diagnoses definitions and classification 2021-2023. 2021. Ed. Herdman, T.H., Kamitsuru, S., Lopes, C.T. 12 th. ed. New York: Thieme. 2021. 587 s. ISBN 978-1-684204540.
Nariadenie vlády SR č. 296/2010 o odbornej spôsobilosti na výkon zdravotníckeho povolania, spôsobe ďalšieho vzdelávania zdravotníckych pracovníkov, sústave špecializačných odborov a sústave certifikovaných pracovných činností.
Nemcová, J., Hlinková, E. a kol. 2010. Moderná edukácia v ošetrovateľstve. Martin : Osveta, 2010. 260 s. ISBN 978-08063-321-9.
Odborné usmernenie MZ SR č. SZS-1373/2000 pre poskytovanie zdravotnej starostlivosti v Agentúrach domácej ošetrovateľskej starostlivosti zo dňa 19. júla 2000.
Tirpáková, L. a kol. 2022. Ošetrovateľstvo v ambulantnej sfére. Košice : Šafárik Press. 2022. [on-line]. ISBN 978-80-574-0114-8. Dostupné na internete: www.unibook.upjs.sk.
Vyhláška Ministerstva zdravotníctva Slovenskej republiky č. 315/2014 Z.z., ktorou sa ustanovujú určujúce znaky jednotlivých druhov zdravotníckych zariadení.

Vyhláška MZ SR č. 428/2006 Z.z. o minimálnych požiadavkách na personálne zabezpečenie a materiálno-technické vybavenie jednotlivých druhov zdravotníckych zariadení.
Vyhláška č. 208/2024 Z.z., ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Výnos Ministerstva zdravotníctva Slovenskej republiky č. 09812/2008-OL z 10. septembra 2008 o minimálnych požiadavkách na personálne zabezpečenie a materiálno-technické vybavenie jednotlivých druhov zdravotníckych zariadení.
Zákon č. 576/2004 Z.z. o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.
Zákon č. 447/2008 Z.z. o peňažných príspevkoch na kompenzáciu ťažkého zdravotného postihnutia a o zmene a doplnení niektorých zákonov.
Zákon č. 448/2008 Z.z. o sociálnych službách a o zmene a doplnení zákona č. 455/1991 Zb. o živnostenskom podnikaní (živnostenský zákon) v znení neskorších predpisov.

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: Mgr. Radka Kurucová, PhD., doc. Mgr. Martina Tomagová, PhD.

Last change: 27.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

STATE EXAM DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚO/J-1-OS-SS1/17	**Course title:** Defence of bachelor thesis
Number of credits: 5	
Recommended semester: 5., 6..	
Educational level: I.	
Recommended prerequisites: subjects of study program core	
Course requirements: The state exam can be carried out by the student after the fulfillment of the obligations stated in study program.	
Learning outcomes: The graduate knows the basics of scientific work in the field of nursing and methods of obtaining scientific and professional information. He/she can develope nursing practice, can critical thinking and exploiting results of the research. The graduate knows the basics of work in a multimedia environment and knows the basics of one world language. The graduate enters into practice as a convinced defender of the independence of his profession and modern trends in nursing theory and practice. He/she can adhere to the principles of nursing ethics which he is a carrier of.	
Class syllabus: Scientific Methods and Their Classification. Ethical Aspects of Nursing Research. Work with professional literature and information sources, including searching, evaluating, processing, and archiving scholarly information. Citation according to current citation standards, preparation of bibliographic references, and prevention of plagiarism. The Research Process, its individual phases, and its importance in nursing practice. Formulation of the research problem, objectives, research questions, and hypotheses. Selection of the research sample, research methods, and data collection techniques. Construction and Evaluation of Research Instruments, validity and reliability. Qualitative and quantitative research, their characteristics, advantages, and limitations. Preparation, Processing, and Analysis of Empirical Data, descriptive statistics, interpretation of results, discussion, and formulation of conclusions. Methodology for processing verbal responses (transcription, coding, categorisation, theme development, and interpretation). Case Study as a Research Method in Nursing. Principles of Evidence-Based nursing and application of research findings in clinical nursing practice. Formal and Content Requirements of a Bachelor's Thesis, Scientific Language, and style of academic writing. Oral and written presentation. Language and scientific style of scholarly work. Publishing research results, preparation of presentations, and defence of the final thesis.	
State exam syllabus:	
Recommended literature: Study literature for the nursing study program. Available on:	

https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/26-27/osetrovatelstvo_-_bakalarske_studium.pdf

Languages necessary to complete the course:
Slovak language

Last change: 27.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-021/22	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: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
100% participation in practical exercises, successful completion of a credit test. Students are evaluated for their theoretical preparation for practical exercises and active participation in practical teaching - mastering and solving model cases.
Scale of assessment (preliminary/final): Exam

Learning outcomes:
After completing the course, the student will gain an overview of the position of first aid in medicine, learn to quickly orient themselves in critical situations and properly participate in maintaining health, preventing further damage and saving lives. The student will be motivated for the next study of medical disciplines. Emphasis is placed on individual and group solutions to acute problems and the acquisition of basic clinical skills.

Class syllabus:
The importance of first aid. Guiding principles for first aid. The chain of survival. Basic life-saving operations (head tilt, first aid for choking on foreign bodies, recovery position). BLS - BasicLifeSupport - basic emergency resuscitation. How to use the AED (Automatic External Defibrillator). First aid for traumatic life-threatening conditions (bleeding, wounds, dressing techniques, dislocations, fractures, head, neck, chest, abdomen and pelvis injuries, polytrauma, burns, frostbite, bites and stings, drowning). First aid for non-traumatic life-threatening conditions (heart attack and chest pain, asthma attack, shortness of breath and respiratory failure, stroke, seizures, diabetic emergencies, unconsciousness, anaphylaxis, poisoning, sudden childbirth).
Practical skills in specific situations - proper extraction of the injured unconscious from the car, shooting a motorcycle helmet.

Recommended literature:
First aid, CPR, and AED. Alton L. Thygerson, medical writer; Steven M. Thygerson, medical writer; Benjamin Gulli, medical editor; Gina Piazza, medical editor; American College of Emergency Physicians; Jones and Bartlett Publishers, 2016
ERC guidelines 2021

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 206

A	ABS0	B	C	D	E	FX
65,53	0,0	27,67	5,34	0,0	0,97	0,49

Lecturers: MUDr. Zuzana Benić, MUDr. Zuzana Biringerová, PhD., MUDr. Tomáš Fecko, MUDr. Jana Sendreyová, MUDr. Michal Venglarčík, PhD.

Last change: 21.07.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-CJ1/26	Foreign Language for Nursing (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:
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 teaching in 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 Education
Study at the university
Jessenius Faculty of Medicine
Grammar: Present simple and present continuous tenses;
Vocabulary: School subjects, university education
3–4 Human body
Body systems
Grammar: Locative verbs, adverbs and prepositions; Adjective derivation; Modal verbs
Vocabulary: Organs, body systems
5–6 Accidents & emergencies
A&E Department
Home accidents
First Aid
Grammar: Imperative mood, Softening the imperative; Giving instructions;
Vocabulary: First aid, accidents and emergencies, treatments
7 Test 1
8–9 Hospital admission
Inpatient and outpatient care

Grammar: The passive voice; Question forms;
Vocabulary: Medical tools and devices, medicinal forms, hospital departments
10–12 Pain and other symptoms
Pain assessment
Grammar: Adjectives: comparative and superlative
Vocabulary: Types of pain, pain scales, symptoms of illnesses
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 Nursing. UK, Bratislava, 2024. ISBN 978-80-223-5854-5
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) Nemčina v nemocnici. Berlín : Langenscheidt.

Languages necessary to complete the course:
English language/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., Mgr. Anna Barnau, PhD., PhDr. Katarína Murčeková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 05.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-CJ2/26	Foreign Language for Nursing (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-OS-CJ1/26 - Foreign Language for Nursing (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 Vital signs and monitoring the patient
Grammar: Going to &
Present continuous for future;
Vocabulary: Heart diseases, hypothermia, ECG
3-4 Infections
Diagnosis & treatment of bacterial and viral infections
Grammar: Plural formation: regular, irregular;
Vocabulary: Bacterial and viral infections, medicaments
5-6 Blood
Blood composition
Blood types
Grammar: Zero and first conditionals
Vocabulary: Blood taking, blood testing, blood clotting
7 Test 3
8-10 The Heart
Cardiovascular diseases

Blood pressure taking
Grammar: Giving advice: should, shouldn´t, would, could, might; Talking about obligation: must, mustn´t
Vocabulary: Heart-related vocabulary
11-13 Healthy digestion
Digestive system diseases
Healthy lifestyle
Obesity
Grammar: Past simple & Present Perfect
Vocabulary: Digestive system, common symptoms of gastrointestinal diseases, healthy diet: vitamins & minerals
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:
Kolektív autorov: English in Nursing. UK, Bratislava, 2024. ISBN 978-80-223-5854-5
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) Nemčina v nemocnici. Berlín : 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., Mgr. Anna Barnau, PhD., PhDr. Katarína Murčeková, PhD., PaedDr. Andrej Krajčovič, PhD.

Last change: 05.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.GPK/J-1-OS-036/22	Gynecology and Obstetrics and Nursing (1)

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

Number of credits: 3

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:
Checked practical outcome (10 hours) preparation of semester work
- test: evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%
- semester work: evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completing the course, the student provides nursing care in obstetrics.
They offer counseling related to planned parenthood and provide information and advice concerning changes during pregnancy.
They describe psychophysical preparation for childbirth.
They monitor pregnancy, including fetal condition assessment in the uterus.
They provide obstetric assistance in emergency situations and manage childbirth.
They monitor the mother's condition in the postnatal period and educate on newborn care.
They ensure early initiation of breastfeeding.

Class syllabus:
Menstrual Cycle. Physical Examination. Pelvic examination.
Pregnancy - Conception and Fetal Development. Anatomy and Physiology of Pregnancy. Nursing care during Pregnancy.
Labor and Birth process - Factors affecting Labor, Process of Labor (signs Preceding Labor, Onset of Labor, Satges of labor, Mechanism of labor). Nursing Care during labor.
Postpartum. Nursing care of the Postpartum Woman.
Spontaneous Abortion, Preterm Labor and Birth, Postterm Pregnancy, Labor and Birth. Nursing care.
Complication of Pregnancy – Cardiac Disease, Hypertensive Disorders, Diabetes Mellitus, renal Disorders, Allo –immunisation, Maternal Infection. Nursing care.
Labor and Birth Complication – forceps – assisted Birth, Cesarean Birth.
Postpartum Complication.
First Aid for sudden delivery. Childbirth at home and in exceptional circumstances.

Recommended literature:

Urbanová, E. a kol. Vybraní virtuálni pacienti v pôrodnej asistencii, 2. prepracované a doplnené vydanie. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 19. 06. 2023]. Dostupný z https://portal.jfmed.uniba.sk//clanky.php?aid=433. ISSN 1337-7396

Bašková, M. a kol. Inovácia obsahu, foriem a metód na podporu praktických zručností v pôrodnej asistencii. Multimediálna vysokoškolská e – učebnica. 1. vyd. Martin: UK v Bratislave, JLF v Martine, Ústav pôrodnej asistencie, 2015. 229 s. ISBN 978-80-89544-85-1. Dostupné na: http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/

Bašková, M. Metodika psychofyzické přípravy na porod. Praha: Grada, 2015. 113 s. ISBN 978-80-247-5361-4

Mazúchová, L., Maskálová, E., Divoková, D. Úspěšné kojení. Sebeúčinnost matek. Praha : Grada, 2022. 104 s. ISBN 978-80-271-3390-1

Procházka, M. a kol. Porodní asistence. Praha: Grada, 2020. 800s. ISBN 978-80-7345-618-4

Marečková, J. Ošetrovateľské diagnózy v NANDA doménach. 1. vyd. Praha: Grada, 2006. 264 s. ISBN 80-247-1399-3

Urbanová, E. a kol. Reprodukčné a sexuálne zdravie ženy v dimenziách ošetrovateľstva a pôrodnej asistencie. Martin: Osveta, 2010. 256 s. ISBN 978-80-8063-343-1

Záčeková, M. a kol. Štandardy v pôrodnej asistencii. Martin: Osveta, 2006. 120 s. ISBN 80-8063-221-9

Roztočil A. a kol. Moderní porodnictví. 2. vyd. Praha : Grada, 2017. 656 s. ISBN 978-80-247-5753-7

Dubová O., Zikán M. Praktické repetitorium gynekologie a porodnictví.. 2. vyd. Praha: Maxdorf, 2022. 866 s. ISBN 978-80-7345-716-7

Pilka R. Gynekologie. 2. aktualizované vydání. Praha : Maxdorf, 2022. 352 s. ISBN 978-80-7345-743-3

Languages necessary to complete the course:
slovak

Notes:

Past grade distribution
Total number of evaluated students: 170

A	ABS0	B	C	D	E	FX
76,47	0,0	17,65	4,12	1,76	0,0	0,0

Lecturers: Mgr. Erika Maskálová, PhD., doc. Mgr. Bc. Eva Urbanová, PhD., MUDr. Petra Kasajová, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.GPK/J-1-OS-037/22	Gynecology and Obstetrics and Nursing (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: 6.

Educational level: I.

Prerequisites: JLF.GPK/J-1-OS-036/22 - Gynecology and Obstetrics and Nursing (1)

Course requirements:
Checked practical outcome (10 hours) preparation of care plan
- test: evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%.
- semester work: evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completing the course, the student will be able to:
Describe and explain the causes, symptoms, and treatment of inflammatory and neoplastic gynecological diseases.
Provide nursing care to women with common gynecological and obstetric diagnoses, including climacteric syndrome and menstrual disorders.
Respond to acute conditions in gynecology and obstetrics within the scope of nursing competencies.
Perform preoperative and postoperative nursing care for gynecological surgical procedures.
Apply the principles of family planning and preventive programs in gynecological practice.
Educate patients about prevention, treatment options, and lifestyle recommendations related to gynecological conditions.

Class syllabus:
Infection of reproductive system, treatment in gynecology - conservative , operational. Nursing care.
Structural Disorders and Neoplasms of the reproductive system, prevention in obstetrics and gynecology, dispensarization, screening. Nursing Care.
Menopause. Nursing Care.
Acute conditions in obstetrics and gynecology , low back pain syndrome . Nursing care.
Menstrual disorders , Nursing Care.
Contraception. Nursing Care.
Preoperative and postoperative care of a woman after abdominal surgery .
Preoperative and postoperative care of a woman after vaginal surgery .

Recommended literature:

Bašková, M. a kol. Inovácia obsahu, foriem a metód na podporu praktických zručností v pôrodnej asistencii. Multimediálna vysokoškolská e-učebnica. 1. vyd. Bratislava: UK, Martin: JLF, Ústav pôrodnej asistencie, 2015. 229 s. ISBN 978-80-89544-85-1 Dostupné na internete: http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/
Rob, L. a kol. Gynekologie. Praha: Galén, 2019. 356 s. ISBN 978-80-7492-426-2.
NANDA International. Ošetřovatelské diagnózy. Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada. 439 s. ISBN 978-80-271-0710-0
Repková, A. a kol. Gynekologické ošetrovateľstvo. Martin : Osveta, 2006, 138 s. ISBN 80-8063-236-7.
Urbanová, E. a kol. Reprodukčné a sexuálne zdravie v dimenziách ošetrovateľstva a pôrodnej asistencie. Martin: Osveta, 2010. ISBN 978-80-8063-343-1.
Urbanová Eva, a kol.: Vybraní virtuálni pacienti v pôrodnej asistencii, 2. prepracované a doplnené vydanie. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 05. 02. 2021]. Dostupný z WWW: https://portal.jfmed.uniba.sk//clanky.php?aid=433. ISSN 1337-7396.
Záčeková, M. a kol. Štandardy v pôrodnej asistencii. Martin: Osveta, 2006. 120 s. ISBN 80-8063-221-9.

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

Total number of evaluated students: 167

A	ABS0	B	C	D	E	FX
76,05	0,0	16,77	4,19	2,4	0,6	0,0

Lecturers: Mgr. Erika Maskálová, PhD., doc. Mgr. Bc. Eva Urbanová, PhD., MUDr. Petra Kasajová, PhD., MUDr. Tomáš Rokos, PhD., MUDr. Erik Kozubík, PhD., MUDr. Zuzana Ondák Laučeková, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-019/26	Health Education

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: 1.

Educational level: I.

Prerequisites:

Course requirements:
CS * (10 hours) Study of literature.
CPO** (20 hours) development and presentation of an educational plan to promote health, a healthy lifestyle and prevention.
Student assessment takes place in the form of a presentation of the educational plan and a test. Minimum passing score: 60%.
Overall assessment: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59 % and less.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
By completing the course, the student is able to explain basic knowledge on the issues of health education, support of a healthy lifestyle and prevention. The student defines basic concepts: health, health support, prevention, identifies factors affecting health, lifestyle and the environment. The student can characterize the educational process and describe its phases - assessment, diagnosis, planning, implementation, evaluation.
The student is able to assess the educational needs of a healthy individual, family, community and based on them to establish educational diagnoses. The student is able to apply and design an education plan to support and maintain health and a healthy lifestyle for an individual in a given developmental period, family and community. The student implements education and can evaluate the achievement of its goals. Completing the course will contribute to the development of health literacy in the student in caring for their own health.

Class syllabus:
Human health and behavior (ABC). National health promotion program for 2021 - 2030. Health literacy and its importance in caring for one's own health. Nursing diagnoses for health promotion. Educational process, phases of the educational process. Educational goals Organizational forms, educational methods, preparation of educational materials.
Healthy lifestyle - the importance of preventive examinations, risk factors; nutrition, physical activity, mental health, prevention of addictions, hygiene and prevention of infectious diseases.

Vaccination and its importance. Safety and injuries. Specifics of education in individual age periods. Health promotion in the community.

Recommended literature:

Bašková, M. et al. Výchova k zdraviu. Martin: Osveta, 2009.
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Hegyi, L., Ochaba, R. Výchova k zdraviu a podpora zdravia. Bratislava: Herba, 2013. Hanáček, J., Mokrý, J. et al. Trendy v medicínskom vzdelávaní a hodnotení jeho výsledkov. Martin : Osveta, 2018.
Juřeníková, P. Zásady edukace v ošetřovatelské praxi. Praha: Grada, 2010.
Machová, J., Kubátová, D. et al. Výchova ke zdraví. Praha: Grada, 2016.
Magurová, D. Majerníková, Ľ. Edukácia a edukačný proces v ošetrovateľstve. Martin: Osveta, 2009.
Machová, J., Kubátová, D. et al. Výchova ke zdraví. Praha: Grada, 2016.
Nemcová, J., Hlinková, E. et al. Moderná edukácia v ošetrovateľstve. 1. vyd. Martin: Osveta, 2010.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13th ed. New York: Thieme, 2024.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Zdravie 21 – zdravie pre všetkých v 21. storočí. Editor: Svetová zdravotnícka organizácia – Európska úradovňa. Bratislava: Štátny zdravotný ústav SR, 2001.
Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz. Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom

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. Jana Nemcová, PhD.

Last change: 19.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-065/26	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:
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:

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:

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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-060/26	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: 1

Recommended semester: 2.

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: 0

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

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

Last change: 23.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-004/15	Hygiene, Epidemiology and Nutrition

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: 2.

Educational level: I.

Prerequisites:

Course requirements:
EVALUATION:
Student assessment takes the form of a written exam. The conditions for completing the course consist of – active participation in practical sessions (PPT), written test, minimum success rate of 60%.
Grading: A: 100% – 91%, B: 90% – 81%, C: 80% – 73%, D: 72% – 66%, E: 65% – 60%, Fx: 59% and below.
Attendance at practical sessions is compulsory. Absence may be excused in the case of relevant reasons up to a maximum of 20% of the total instruction time, in accordance with the Study Regulations.
The condition for successfully completing the course is achieving a minimum of 60 points in the overall assessment.
S – final fulfillment of the conditions for completing the course in the form of a written exam.
Scale of assessment (preliminary/final): 100/100

Learning outcomes:
After completion of the subject the student is able to apply basic knowledge of epidemiology and hygiene branches. Student understands nature of epidemic process, principles of immunization, sterilization, disinfection, disinfection and control of animal pests. The student is able to identify the major epidemiological characteristics of communicable and non-communicable diseases and is able to apply knowledge in the form of preventive and repressive measure. The student understands environmental factors of living and working places, ways of their identification, monitoring and control, preventive intervention programs. The student understands the role of hygiene and epidemiology in public health.

Class syllabus:
Public Health – history, definition, terminology and classification. Epidemiology - History, definition, distribution, status in public health. The process of spreading disease, outbreaks, preventive and repressive measures. Distribution of communicable diseases, epidemiological characteristics of particular groups, preventive and repressive measures. Hospital infections and their prevention. Hospital infections. Collaboration with other healthcare professionals

in monitoring epidemiologically significant strains of hospital infections and their resistance mechanisms. Epidemiological methods of work. Non-infectious and clinical epidemiology. Hygiene - history, definition, classification, position within the public health. Environmental hygiene. Nutrition hygiene and articles of daily use. Hygiene of children and adolescent. Preventive occupational medicine. Dietary system. Indication of basic diet upon patient admission. Radiation hygiene. Hospital hygiene. Identification and monitoring of environmental factors (physical, chemical, biological, psychosocial) and health determinants influencing the health of individuals and populations. Preventive intervention strategies.

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. 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:

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

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

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 362

A	ABS0	B	C	D	E	FX
45,86	0,0	30,39	14,09	7,18	2,49	0,0

Lecturers: doc. PhDr. Simona Kelčíková, PhD., Mgr. Eva Malobická, PhD., PhDr. Mgr. Martin Novák, PhD., doc. PhDr. Romana Ulbrichtová, PhD., Mgr. Miroslava Sovičová, PhD.

Last change: 17.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-034/22	Internal Medicine/Gerontology and Nursing (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 4 / 3 **per level/semester:** 56 / 42
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚPF/J-1-OS-014/22 - Pathological Anatomy and Pathological Physiology and JLF.ÚO/J-1-OS-016/15 - Patient s Needs and Nursing Process (2)

Course requirements:
CS (30) study of literature and preparation for a knowledge test.
CPO (45) written semester work focused on educating patients with diseases of internal organs.
Knowledge test.
The evaluation of students takes place in the form of a written knowledge test and evaluation of the preparation of a written work. Minimum success rate: 60%.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
By completing the course, the student is able to apply knowledge from theoretical, clinical, nursing and humanities disciplines with an emphasis on the clinical condition of the patient, diagnostic, therapeutic and preventive-educational interventions. He/she is able to provide nursing care at the level of nurse competencies and in cooperation with other healthcare professionals. By completing the course, the student defines and characterizes the mechanism of occurrence, symptomatology, clinical picture, diagnosis of diseases of internal organs, conservative therapeutic and nursing interventions. Based on a structured nursing assessment, he/she is able to identify the needs and nursing problems of the patient, formulate nursing diagnoses, plan, justify and implement nursing interventions in a patient with acute and chronic diseases of internal organs. He/she can apply the knowledge gained from lectures and practical exercises to solving nursing problems in selected, most frequently occurring diseases. The student will demonstrate skills in standardized communication of critical events using the SBAR method.

Class syllabus:
Internal Nursing
Cardiology: Primary, secondary and tertiary prevention of cardiovascular diseases and role of nurses in no pharmacological treatment. Ischemic heart disease – acute/chronic forms. Arterial hypertension. Acute states in cardiology.
Pneumology: Chronic bronchitis. COPD. Bronchial asthma. Pneumonia. Pulmonary tuberculosis.

Gastroenterology: Diseases of oesophagus and diseases of stomach. Functional disorders of GI tract. Peptic ulcer disease of stomach and duodenum. Diseases of colon and rectum. Functional disorders of GI tract - obstipation, diarrhea. Nonspecific inflammatory bowel diseases. Acute and chronic pancreatitis. Hepatic diseases (chronic hepatitis, cirrhosis).
Endocrinology: Diseases of thyroid gland.
Diabetology: Diabetes mellitus, acute and chronic complications of diabetes mellitus. Diabetes mellitus and metabolic syndrome.
Disorders of nutrition and internal environment.
Nursing care about patient with disease of cardiovascular, bronchopulmonary, gastroenterology, endocrinology system and disorders of nutrition and internal environment.
When providing comprehensive nursing care for various diseases of internal organs within the scope of nursing practice, the student educates and prepares the person for diagnostic and therapeutic procedures, provides and ensures nursing care during the implementation of the procedures and after their completion. Within the scope of the nurse's competencies, he/she indicates the basic diet from the diet system upon admission of the patient to hospitalization, uses technical innovations related to methods of health and nursing care and knowledge of nursing practice and evidence-based research.

Recommended literature:

Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13thed. New York: Thieme, 2024.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Martin: Portál Mefanet JLF UK, 2020. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430.
Lacko, A., Novysedláková, M. a kol. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Vydavateľstvo Osveta, 2018. 266 s.
Sováriová Soósová, M. a kol. Ošetrovateľstvo vo vnútornom lekárstve III. Košice: Univerzita Pavla Jozefa Šafárika, 2017. 268 s. Dostupné na: https://unibook.upjs.sk/img/cms/2017/lf/osetrovatelstvo-vo-vnutornom-lekarstve-web.pdf.
Sováriová Soósová, M. a kol. Ošetrovateľstvo vo vnútornom lekárstve I. Ošetrovateľská starostlivosť pri vybraných ochoreniach dýchacieho systému. Košice: Univerzita Pavla Jozefa Šafárika, 2018. 102 s. Dostupné na: https://unibook.upjs.sk/img/cms/2018/lf/osetrovatelstvo-vo-vnutornom-lek1-web.pdf.
Sováriová Soósová, M. a kol. Ošetrovateľstvo vo vnútornom lekárstve II. Ošetrovateľská starostlivosť pri vybraných ochoreniach srdcovo-cievneho systému. Košice: Univerzita Pavla Jozefa Šafárika, 2024. 326 s. Dostupné na: https://unibook.upjs.sk/img/cms/2024/lf/osetrovatelstvo-vo-vnutornom-lekarstve2.pdf.
Vörösová, G. Ošetrovateľský proces v internom ošetrovateľstve. Martin: Vydavateľstvo Osveta, 2011. 236 s.
Vyhláška MZ SR č. 306/2005 Z. z., ktorou sa ustanovuje zoznam sesterských diagnóz.
Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 182

A	ABS0	B	C	D	E	FX
20,88	0,0	40,11	28,02	8,24	2,2	0,55

Lecturers: doc. Mgr. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., doc. MUDr. Tomáš Bolek, PhD., MUDr. Jakub Benko, PhD., doc. MUDr. Peter Bánovčin, PhD., MBA, MUDr. Beatrice Bodorovská, PhD., MUDr. Ivana Lipták Žiačiková, Mgr. Jaroslav Madleňák, PhD., MUDr. Martin Schnierer, PhD., MUDr. Jakub Jurica, PhD., MUDr. Martin Jozef Péč, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-035/22	Internal Medicine/Gerontology and Nursing (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 4 / 3 **per level/semester:** 56 / 42
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-034/22 - Internal Medicine/Gerontology and Nursing (1)

Course requirements:
CS (36) study of literature and preparation for a knowledge test.
CPO (35) written semester work focused on educating patients with diseases of internal organs.
Knowledge test.
The evaluation of students takes place in the form of a written knowledge test and evaluation of the preparation of a written work.
Oral examination.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course, the student is able to apply knowledge from theoretical, clinical, nursing and humanities disciplines with an emphasis on the clinical condition of the patient, diagnostic, therapeutic and preventive-educational interventions. He/she is able to provide nursing care at the level of nurse competencies and in cooperation with other healthcare professionals. By completing the course, the student defines and characterizes the mechanism of occurrence, symptomatology, clinical picture, diagnosis of diseases of internal organs, conservative therapeutic and nursing interventions. Based on a structured nursing assessment, he/she is able to identify the needs and nursing problems of the patient, formulate nursing diagnoses, plan, justify and implement nursing interventions in a patient with acute and chronic diseases of internal organs. He/she can apply the knowledge gained from lectures and practical exercises to solving nursing problems in selected, most frequently occurring diseases. The student will demonstrate skills in standardized communication of critical events using the SBAR method.

Class syllabus:
Haematology: Anaemias. Leukaemia, haemostatic disorders.
Nephrology: Inflammatory and oncology urinary diseases. Acute and chronic renal insufficiency.
Infectology: Transmitted diseases in internal medicine. Tropically and travelling diseases.
Angiology: Changes of skin in malfunctions of venous and arteries of low extremities.
Acute and chronic intoxications in internal medicine.

Clinical oncology in internal medicine.
Comatose states in internal medicine.
Geriatric patients in internal nursing.
Nursing care about patient with diseases of haematology, nephrology, transmitted diseases, vas system, intoxications, disorder of consciousness, oncology and geriatric patient.
When providing comprehensive nursing care for various diseases of internal organs within the scope of nursing practice, the student educates and prepares the person for diagnostic and therapeutic procedures, provides and ensures nursing care during the implementation of the procedures and after their completion. Within the scope of the nurse's competencies, he/she indicates the basic diet from the diet system upon admission of the patient to hospitalization, uses technical innovations related to methods of health and nursing care and knowledge of nursing practice and evidence-based research.

Recommended literature:

Bóriková, I. a kol. Meracie nástroje v gerontologickom ošetrovateľstve. Martin: Portál Mefanet JLF UK, 2014. Dostupné na: http://portal.jfmed.uniba.sk/clanky.php?aid=251
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13thed. New York: Thieme, 2024.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Martin: Portál Mefanet JLF UK, 2020. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430.
Lacko, A., Novysedláková, M. a kol. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Vydavateľstvo Osveta, 2018. 266 s.
Sováriová Soósová, M. a kol. Ošetrovateľstvo vo vnútornom lekárstve III. Košice: Univerzita Pavla Jozefa Šafárika, 2017. 268 s. Dostupné na: https://unibook.upjs.sk/img/cms/2017/lf/osetrovatelstvo-vo-vnutornom-lekarstve-web.pdf.
Šáteková, L. Vybrané kapitoly z ošetřovatelství v onkologii. FZV, Univerzita Palackého v Olomouci, 2019. Dostupné na: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/2019-0443_Satekova.pdf.
Vörösová, G. Ošetrovateľský proces v internom ošetrovateľstve. Martin: Vydavateľstvo Osveta, 2011. 236 s.
Vyhláška MZ SR č. 306/2005 Z. z., ktorou sa ustanovuje zoznam sesterských diagnóz.
Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 180

A	ABS0	B	C	D	E	FX
14,44	0,0	30,0	38,33	10,56	4,44	2,22

Lecturers: doc. Mgr. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., doc. MUDr. Katarína Šimeková, PhD., doc. MUDr. Oto Osina, PhD., prof. MUDr. Ema Kantorová, PhD., MUDr. Juraj Krivuš, PhD., doc. MUDr. Juraj Sokol, PhD., MBA, doc. MUDr. Tomáš Bolek, PhD., prof. MUDr. Ivana Dedinská, PhD., Mgr. Jaroslav Madleňák, PhD.

Last change: 14.10.2025
Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

COURSE DESCRIPTION

Academic year: 2026/2027

University: Comenius University Bratislava

Faculty: Jessenius Faculty of Medicine in Martin

Course ID:	**Course title:**
JLF.ÚSLME/J-1-OS-046/22	Legal Aspects of Nursing

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: 1

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:
Test

Learning outcomes:
After completion of the subject the student understands fundamentals of medico-legal legislative, medicolegal investigation of death, types of autopsies, basics of forensic malpractice, alcohology and toxicology.

Class syllabus:
1.death investigation, death certification, types of autopsies
2.basics of medico-legal legislative
3.medical malpractice
4.basics in alcohology and toxicology
5.confidential health care,medical records,informed consens

Recommended literature:
1. Zákony č. 576-581/2004 Zb. zákonov o zdravotnej starostlivosti v znení neskorších predpisov.
2. Trestný poriadok a trestný zákon
3. Krajčovič J: Vybrané medicínsko-právne kapitoly v súdnom lekárstve, dostupné na MEFANETe JLF UK.
4. Kováč P a kol.: Súdne lekárstvo pre právnikov, Iura edition.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 170

A	ABS0	B	C	D	E	FX
40,0	0,0	26,47	20,0	8,82	4,71	0,0

Lecturers: doc. MUDr. Jozef Krajčovič, PhD., doc. MUDr. Martin Janík, PhD., prof. MUDr. Ľubomír Straka, PhD., MUDr. Veronika Rybárová, PhD., MUDr. Richard Sivulič, PhD.
Last change: 18.03.2022
Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-038/22	Management in Nursing

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: 1

Recommended semester: 5.

Educational level: I.

Prerequisites:

Recommended prerequisites:
-

Course requirements:
EVALUATION:
Active participation in block teaching is mandatory.
The instructor responsible for the teaching may excuse a student's absence in the case of relevant reasons up to a maximum of 20% of the total instruction time, in accordance with the Study Regulations of the JLF UK.
Conditions for successful completion of the course (max. 100 points):
a/ Control questions – student activity – max. 5 points
b/ PPT presentation on a selected topic divided into groups, discussion – max. 15 points
c/ Written work – project on a selected topic in management in nursing – max. 30 points
Each student elaborates their own project according to the instructions of the course instructor.
d/ Oral exam (1 question) – max. 50 points
OVERALL ASSESSMENT OF THE COURSE
Points achieved Grade
100 – 91 A / 1 (excellent)
90 – 81 B / 1.5 (very good)
80 – 73 C / 2 (good)
72 – 66 D / 2.5 (satisfactory)
65 – 60 E / 3 (sufficient)
59 and below FX (insufficient)
The condition for successfully completing the course is achieving a minimum of 60 points in the overall assessment.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
The graduate of the subject will gain an overview of management in nursing. He is familiar with the functions of managery using modern tools and methods of management. He will learn the main characteristics and elements of managerial decision-making in managerial roles. The graduate

understands the principles of leadership and he makes of a leader decisions in order to effectively guide the team, motivate employees, and excel them in achieving the goals in healthcare facilities across various areas of management in nursing.The graduate is able to apply knowledge of time management in nursing practice. The graduate is ready to confront his/her knowledge with nursing practice.

Class syllabus:
Management in nursing. Nursing managers. Leader and manager. Leadership skills. Managerial decision-making. Decision-making roles and decision-making skills of a nurse - manager. Education of nurses. Managerial functions in nursing. Planning. Organizing. Leading people and leadership styles. Motivating nurses. Control. Time management.

Recommended literature:
Literature:
Literatúra
JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016. 156 s.
ISBN 978-80-8063-447-6.
DIMUNOVÁ, L., PAROVÁ, V. Manažment v ošetrovateľstve. 1. vyd. Košice: UPJŠ, 2025. 199 s. ISBN 978-80-574-0470-5
PLEVOVÁ, I. a kol. Management v ošetřovatelství. Praha: Grada P., 2012. 304 s. ISBN 978-80-247-3871-0.
TUPÁ, M. Faktory migrácie zdravotníckych pracovníkov ako dôsledok riadenia ľudských zdrojov. 1. vyd. Trenčín: FSEV TnUAD, 2024. ISBN 978-80-8295-015-4
ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. Vybrané kapitoly zo zdravotníckeho manažmentu. Prešov: Vydavateľstvo Prešovskej univerzity, 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.
KILÍKOVÁ, M., JAKUŠOVÁ, V. Teória a prax manažmentu v ošetrovateľstve. Martin: Osveta, 2008. 150 s.
ISBN 978-80-8063-290-8.
Materiály MZ SR. Dostupné na Internete: www.health.gov.sk

Languages necessary to complete the course:
slovak

Notes:

Past grade distribution
Total number of evaluated students: 169

A	ABS0	B	C	D	E	FX
66,86	0,0	17,75	8,88	2,96	3,55	0,0

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

Last change: 25.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-061/22	Medical Biology and Genetics

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: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
100 % attendance at practical classes. Mark, according to results from two preliminary tests, at least 60 %.
Scale of assessment (preliminary/final): 100/0

Learning outcomes:
After completing the subject Medical biology and genetics, the student has knowledge about the structure of the cells (prokaryotic, eukaryotic), their shape and inner compartments. Graduate obtains the information about structure and function of cell organelles, gene expression, cell transport and signalling, cell division as well as about influence of pathologic factors on cell.

Class syllabus:
The cell (definition, functional organisation). Proteins – primary, secondary and quaternary structure. Function of proteins in cell. Cell nucleus: nuclear envelope, chromatin – chromosomes, their structure. Structure of DNA and RNA. Genetic information. Gene. Membrane structures of the cell. Cytoskeleton. Mutations. Classification of mutations. Types of mutagens. Gene engineering and importance of molecular genetics methods for medicine, public health and new technologies of medicinal drugs production. Genetic screening, prenatal screening, screening of newborns and heterozygotes. Cell cycle. Meiosis – genetic importance. Basics of genetics: Mendel´s laws. Population genetics: H-W law. Tasks.

Recommended literature:
Péč, M et al.: Prehľad lekárskej biológie a genetiky pre študijný program Ošetrovateľstvo [electronic document], 1st Ed., Martin, Univerzita Komenského Bratislava, Jesseniova lekárska fakulta Martin, 2019, 340 pp.

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution
Total number of evaluated students: 207

A	ABS0	B	C	D	E	FX
97,1	0,0	2,9	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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-007/26	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:
Syllabus / Indicative Content:
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. Slovakization of Latin and Greek suffixes. The most frequently occurring adverbs in medical terminology. Preparation of a medical prescription. Some basics of Greek words. Ad illustrandum: terms derived from the words “corōna” and “koróné”; adjectives derived from the word “spīna”.
13. Composites
The most frequent components of composites. Connecting vowels. Position and frequency of components of composites.

Word-forming models; semi-affixes. Overview of components of composites: a) human body b) body substances, fluids, excretions c) quantity, quality d) colors e) process, disease state f) therapy, diagnostics, surgical procedures. Preparation of a medical voucher.
Ad illustrundum: 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. Miroslav Čovan, PhD., Mgr. Samuel Javornický, PhD.

Last change: 05.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-009/22	Microbiology

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: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
- it is obligatory to be present at practicals (1 absence is tolerated)
- test during the semester
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 bacteriology, viroloty, parasitology and mycology, about their structure, metabolism, pathogenic potential and pathogenesis of infectious diseases, genetics 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, understand their theoretical background, indication and interpretation. The student is able to manage the most common ways of sampling of infectious material, to process it for microscopiy, cultivation, identification and ATB susceptibility and tools of pathogenity testing. Theoretical knowledges are based on study of etiology of infections of systems.

Class syllabus:
Introduction to microbiology, Structure of bacterial cell, Physiology and metabolism of bacterial cell, Genetics of bacterial cell, .Antibiotics and resistance, Safety in microbiological laboratory,organization of study, Microscopy, Cultivation, inoculation, Identification of bacteria. Cultivation media. Anaerobic bacteria cultivation. ATB susceptibility testing, Taxonomy of bacteria, Bases of virology, parasitology, mycology, HIV and prions, Systemic diagnosis of infection ethiology
Diagnosis of systemic diseases. Performs basic skin tests for allergies and prepares their results for the doctor's evaluation. Collaborates with other healthcare professionals in monitoring epidemiologically significant strains of hospital-acquired infections and their resistance mechanisms.

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

Languages necessary to complete the course:
slovak language

Notes:

Past grade distribution
Total number of evaluated students: 208

A	ABS0	B	C	D	E	FX
47,12	0,0	28,37	16,83	4,81	1,92	0,96

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

Last change: 08.08.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-039/22	Neurology and Nursing

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

Number of credits: 4

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-024/22 - Surgery and Nursing (2) and JLF.ÚO/J-1-OS-035/22 - Internal Medicine/Gerontology and Nursing (2) and JLF.ÚO/J-1-OS-030/22 - Psychiatry, Mental Health and Nursing

Course requirements:
CPO (15 hours) study of literature, draw up of a written thesis on a selected topic in neurology and nursing.
Students are evaluated by a knowledge test and an evaluation of the written thesis and an oral examination.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 20/80

Learning outcomes:
By completing the subject the student will be able to apply knowledge from theoretical, clinical, nursing and humanities disciplines. The student will be able to describe basic information about the characteristics, diagnosis, etiopathogenesis, clinical picture, treatment in selected neurological diseases; specifics of nursing care of the patient in selected neurological diseases. Can describe the specifics of communication with patients with selected neurological medical diagnoses, risk factors for falls in patients with selected neurological diseases. Can list areas of education, implement patient and family education for selected neurological diseases. Apply selected measurement tools in the assessment of needs and problems in the patient with neurological disease. To perform an assessment, collect anamnestic data and perform a physical examination, and indicate a basic diet for a patient with selected neurological diseases on admission to the hospital. The student will be able to coordinate and implement an initial hygiene filter when an infectious disease is suspected in a patient. The student will demonstrate proficiency in standardized critical event communication using the SBAR method. The student will be able to communicate technical innovations related to health and nursing care methods.

Class syllabus:
Auxiliary examination in neurology; specifics of nursing care of the patient before, during, and after diagnostic and therapeutic neurological procedures and examination. Headache. Consciousness changes. Dementia. Multiple sclerosis. Neurodegenerative diseases of brain. Motor neuron

diseases. Back pain. Seizure. Brain stroke and specifics of nursing care of patient (without and with impaired consciousness). The roles of the nurses and specifics of nursing care of patients with neurological diseases. Nursing assessment of patient needs, and specifics of obtaining a case history in a patient with a neurological disease. Specifics of nursing care of patients with selected neurological diseases with fall risk, fall risk assessment, diseases associated with falls risk, nursing diagnosis and preventive interventions to reduce fall risk. Pain in patients with neurological disease, pain assessment and nursing care of patients with pain. Specifics of communication in the patients with neurological diseases. Education of patients and family members in selected neurological diseases. Admission, transferred, discharge of the patient with neurological disease. Maintaining medical records in the neurology department. Nursing care of patients with movement disorders. Nursing care of a patient with neurodegenerative diseases. Nursing care of a patient with impaired consciousness in neurology.

Recommended literature:

Bednařík, J., Ambler, Z., Růžička, E. et al. Klinická neurologie – část speciální I, II. Praha: Triton, 2010.
Brozman, M. a kol. Neurológia. Učebnica pre zdravotnícke odbory univerzitného štúdia. Martin: Osveta, 2011. 188 s.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Miertová, M. Riziko pádu v ošetřovatelské praxi u hospitalizovaných pacientů s neurologickým onemocněním. Praha: Grada Publishing, a.s., 2019.
Miertová, M., Kurča, E., Tomagová, M. et al. Ošetrovateľstvo v neurológii. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, 2014. Available on: http://osevneu.jfmed.uniba.sk/.
Slezáková, Z. Ošetřovatelství v neurologii. Praha: Grada Publishing, a.s., 2014.
Slezáková, Z. Neurologické ošetrovateľstvo. Martin: Osveta, 2006.
Tyrlíková, I., Bareš, M. et al. Neurologie pro nelékařské obory. Brno: Národní centrum ošetřovatelství a nelékařských zdravotnických oborů, 2012.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 169

A	ABS0	B	C	D	E	FX
62,13	0,0	32,54	2,96	1,18	0,0	1,18

Lecturers: Mgr. Michaela Miertová, PhD., Mgr. Lucia Podolinská, PhD., prof. MUDr. Egon Kurča, PhD., FESO, prof. MUDr. Ema Kantorová, PhD., doc. MUDr. Vladimír Nosáľ, PhD., FESO, prof. MUDr. Štefan Sivák, PhD., MUDr. Babeta Hofericová

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.

STATE EXAM DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚO/J-1-OS-SS2/17	**Course title:** Nursing (1)
Number of credits: 5	
Recommended semester: 5., 6..	
Educational level: I.	
Recommended prerequisites: subjects of study program core	
Course requirements: The state exam can be carried out by the student after the fulfillment of the obligations stated in study program.	
Learning outcomes: The graduate knows the principles of nursing and he is able to apply them in his profession. He is generally educated and professionally prepared to understand the relationship between nursing science, biomedical sciences, social sciences and human sciences and he can transform this knowledge into the holistic approach in nursing practice. The graduate has theoretical knowledge from the fields that describe the organs and systems of a healthy and sick person, deal with his psychological processes and characteristics, the social environment, cultural influences, as well as his spirituality, belief and world-view so he can be able to support and protect health, prevent diseases, educate and motivate people to healthy lifestyle of individuals, family and the entire community and to provide quality nursing care.The graduate has skills and abilities to perform nursing activities for people in health and disease from prenatal period to the period of dying and death. The graduate has theoretical and practical skills to adequately choose a nursing model and use the nursing process. The graduate is ready to perform tasks of the nursing profession. He has the ability to manage and provide nursing care - preventive, educational, supportive, curative, rehabilitative or helpful - to individuals, families and groups. He has the ability to actively and effectively integrate into the health team. The graduate understands man as a result of the interaction of biological, physical, chemical, psychological, social, spiritual and other influences of the external and internal environment on man. The graduate knows the basics of scientific work in nursing and methods of obtaining scientific and professional information. By study of nursing the graduate gains the motivation to further personal and professional growth through the lifetime learning. He is governed by the legislation that is necessary for the performing of nursing profession. The graduate knows the basics of work in a multimedia environment and knows the basics of one world language. The graduate has the assumptions to continue in the next study. The graduate enters into practice as a convinced defender of the independence of his profession and modern trends in nursing theory and practice. The graduate is the carrier of humanistic principles, he respects the veneration of life, human dignity and observation of human rights. He develops the ability of empathy. He adheres to the principles of nursing ethics which he is a carrier of. The graduate is ready to manage the nursing process in all types and at all levels of health care facilities. He recognizes the organizational principles of various types of primary, secondary and tertiary health care facilities. The graduate has theoretical and practical skills to adequately choose a nursing model and use the nursing process. The graduate is ready to perform tasks of nursing profession. He has the ability to manage and	

provide nursing care - preventive, educational, supportive, curative, rehabilitative or helpful - to individuals, families and groups. He has the ability to actively and effectively integrate into the health team. He is capable of developing nursing practice, critical thinking and exploiting results of the research.

Class syllabus:

Legislative and professional standards guide nursing practice. The significance of professional organisations (ICN, EFN, SKSaPA). Standards and care pathways as tools for quality management in nursing. Their characteristics, classification, development methodology, and application in clinical practice. Patient and staff safety.

Nursing diagnosis, the NANDA-I classification system, and the list of nursing diagnoses. Standardised nursing language. Standard terminology and classification systems in nursing. The significance of classification systems in the individual phases of the nursing process. Development of nursing diagnosis (Gordon's functional and dysfunctional health patterns, NANDA-I classification system).

Conceptual models of nursing. Florence Nightingale's Environmental Model, Virginia Henderson's Complementary-Supplementary Model, and Dorothea Orem's Self-Care Model.

The nursing process, its individual phases, assessment methods, diagnostic process, planning, implementation, and evaluation of nursing care.

Human needs in nursing, their classification, Maslow's hierarchy of needs, and factors influencing the satisfaction of needs.

Evaluation, diagnosis, and nursing interventions related to the needs of breathing, nutrition, hydration, elimination, physical activity, self-care, sleep and rest, safety, communication, social and spiritual needs, self-concept, and pain.

The nursing process method and nursing care related to the needs of the patients.

The educational process and its phases.

Management of nursing documentation within the scope of nursing practice.

The role of the nurse in primary care, forms of health care delivery, home nursing care, home nursing care agencies, community care, care for older adults and institutions providing long-term care.

Specific aspects of nursing care in internal medicine, surgery, paediatrics, gynaecology and obstetrics, neurology, psychiatry and community nursing, in relation to acute conditions, chronic conditions, cardiovascular diseases, respiratory diseases, kidney and urinary tract disorders, gastrointestinal diseases, musculoskeletal disorders, blood disorders, skin diseases, metabolic disorders, nutritional and fluid-electrolyte imbalances, oncological diseases, geriatric patients and dying patients and their families.

Nursing ethics, basic principles, code of ethics, and issues related to informed consent and patient information.

Resolution of moral and ethical dilemmas in nursing practice.

Patient and staff safety.

State exam syllabus:

Recommended literature:

Study literature for the nursing study program. Available on: https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/26-27/osetrovatelstvo_-_bakalarske_studium.pdf

Languages necessary to complete the course:

Slovak language

Last change: 27.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-012/22	Nursing I. (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: 4

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
CS (29 hours) study of the literature and preparation for the tests.
CPO (20 hours) solving a project task in study groups.
The evaluation of students is carried out through 2 written tests.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 100/0

Learning outcomes:
After completing the course, the student is able to follow legal, ethical, and professional standards relevant to the nursing profession and apply them in practice. The student can understand and describe the development and factors influencing the evolution of nursing, and apply knowledge of selected classification systems in nursing within clinical practice. They are able to describe and characterize the individual steps involved in creating standards and care maps. The student can explain what assessment and measurement techniques are, understands their significance, and is able to use them practically when evaluating the needs and specific health problems of a patient.

Class syllabus:
Nursing as an applied scientific discipline. Nurse´s function and role. Nurse´s working methods.
Methods of nursing practice.
Leadership approach and decision-making abilities.
Factors influencing the development of nursing.
Current issues in nursing.
Key documents in the field of nursing
Nurse registration and regulation of the nursing profession.
Professional organizations and their importance
Professionalism in nursing. Professional socialization.
Standard Terminology and classification Systems in Nursing: NANDA, NIC, NOC.
International classification for nursing practice.
Standards, development and its implementation in nursing practice. Care maps. Quality of nursing care.

Evaluative and measuring techniques in nursing.

Recommended literature:

Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2022-01-20]. Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=251>.
Farkašová, D. a kol. Teória ošetrovateľstva, princípy a prax. Martin: Vydavateľstvo Osveta, 2021. Gurková, E. Vybrané kapitoly z ošetrovateľskej teórie I. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 2.2.2010, posledná aktualizácia 20.9.2012 [cit. 2014-01-21] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=107>.
Koncepcia odboru ošetrovateľstva vydaná MZ SR dňa 29. mája 2006.
Kontrová, Ľ. et al. Štandardy v ošetrovateľstve. 1. vyd. Martin: Vydavateľstvo Osveta, 2005.
NANDA International. Nursing diagnoses: definitions and classifications: 2021-2023. 12th ed. Thieme Publishers, 2021.
Nariadenie vlády SR č. 322/2006 Z.z. o spôsobe ďalšieho vzdelávania zdravotníckych pracovníkov, sústave špecializačných odborov a sústave certifikovaných pracovných činností.
Nariadenie vlády SR č. 324/2006 Z.z., ktorým sa mení a dopĺňa nariadenie vlády SR č. 742/2004 Z.z. o odbornej spôsobilosti na výkon zdravotníckeho povolania.
Nariadenie vlády SR č. 742/2004 Z.z. o odbornej spôsobilosti na výkon zdravotníckeho povolania.
Nariadenie vlády SR č. 743/2004 Z.z. o spôsobe ďalšieho vzdelávania zdravotníckych pracovníkov, sústave špecializačných odborov a sústave certifikovaných pracovných činností.
Odborné usmernenie MZ SR č. 05354/2005 - OO o riadení poskytovania ošetrovateľskej starostlivosti v ústavnom zdravotníckom zriadení zo dňa 7. februára 2005. Vestník MZSR 4-7/2005.
Odborné usmernenie MZ SR č. 07547/2007- OZSO o poskytovaní domácej zdravotnej starostlivosti zo dňa 26. februára 2007. Vestník MZSR 8-10/2007.
Odborné usmernenie MZ SR č. 16138-2/2004- OO pre tvorbu, implementáciu a hodnotenie štandardov v ošetrovateľstve a pôrodnej asistencii zo dňa 30. augusta 2004. Vestník MZ SR osobitné číslo/2004.
Odborné usmernenie MZ SR č. 41978/2005 - OO o vedení ošetrovateľskej dokumentácie zo dňa 20. júna 2005. Vestník MZSR 35-46/2005.
Štandardné preventívne, diagnostické a terapeutické postupy. Available on: https://www.health.gov.sk/?spdtp
Vörösová, G. et al. Klasifikačné systémy a štandardizácia terminológie v ošetrovateľstve. 1. vyd. Martin: Vydavateľstvo Osveta, 2007.
Vörösová, G. et al. Ošetřovatelská diagnostika v práci sestry. Praha: Vydavateľstvo Grada Publishing 2015.
Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz. Vyhláška MZ SR č. 95/2018 Z.z. ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Žiaková, K. et al. Ošetrovateľské konceptuálne modely. Martin: Vydavateľstvo Osveta, 2007.
Žiaková, K. et al. Ošetrovateľstvo : Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.

Žiaková, K. Vybrané kapitoly z ošetrovateľskej teórie II. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 17.7.2012, posledná aktualizácia 28.5.2013 [cit. 2022-01-20] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=189>. ISSN 1337-7396.
Žiaková, K., Kalánková, D. Súbor prezentácií z predmetu Ošetrovateľstvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 15. 01. 2020]. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=384. ISSN 1337-7396.
Žiaková, K., Kalánková, D. Súbor prednášok z predmetu Ošetrovateľstvo II-1. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 2022-01-20]. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=390. ISSN 1337-7396.
Žiaková, K. et al. Ošetrovateľský slovník. Martin: Vydavateľstvo Osveta, 2009.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 208

A	ABS0	B	C	D	E	FX
6,73	0,0	37,02	31,73	21,15	1,44	1,92

Lecturers: prof. Mgr. Katarína Žiaková, PhD., Mgr. Radka Kurucová, PhD.

Last change: 24.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-013/26	Nursing I. (2)

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: 2.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-012/22 - Nursing I. (1)

Course requirements:
CS (15 hours) study of the literature and preparation for the tests. CPO (17 hours) solving a project task in study groups.
The evaluation of students is carried out through 2 written tests and oral exam
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
After completing the subject, the student is able to describe Gordon’s functional health patterns in the context of nursing care documentation. They can explain the structure of nursing documentation, make accurate entries, and demonstrate the use of selected assessment and measurement techniques in evaluating specific clinical problems of the patient. The student is able to define and characterize various conceptual models, including their theoretical assumptions, foundations, and metaparadigmatic concepts. They can describe the issue of missed nursing care, justify preventive strategies, and apply them in clinical practice.

Class syllabus:
Gordon's functional and dysfunctional health patterns, theoretical assumptions and background, basic concepts.
Nursing documentation. Measuring tools in nursing in the context of nursing care plans. Biomedical model.
Classification of models and theories. Metaparadigmatic concepts..
Florence Nightingale's characteristics of the period and conditions influence Nightingale's environmental model; central components. Importance of Nightingale's work.
Virginia Henderson – central components of the model. Definitions of the basic concepts. Definition of nursing. Needs in Henderson's work. Specifics of the nursing process, according to Henderson.
Orem´s conceptual model. Theoretical assumptions and background, basic concepts.
Multicultural nursing. Leininger's model, theoretical assumptions and background, basic concepts.
The concept of missed, rationed, unfinished nursing care. Predictors, reasons and outcomes.

Recommended literature:

Bóriková, I. et al. Pády a ich prevencia u hospitalizovaných pacientov. Martin: Osveta, 2018.
Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2022-01-20]. Dostupné na: <http://portal.jfmed.uniba.sk/clanky.php?aid=251>.
Farkašová, D. et al. Teória ošetrovateľstva, princípy a prax. Martin: Vydavateľstvo Osveta, 2021. Gurková, E. Vybrané kapitoly z ošetrovateľskej teórie I. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 2.2.2010, posledná aktualizácia 20.9.2012 [cit. 2014-01-21] Dostupné na:<http://portal.jfmed.uniba.sk/clanky.php?aid=107>.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13th ed. New York: Thieme, 2024.
Koncepcia zdravotnej starostlivosti v odbore ošetrovateľstvo,2023.
Kontrová, Ľ. et al. Štandardy v ošetrovateľstve. 1. vyd. Martin: Vydavateľstvo Osveta, 2005.
Nariadenie vlády SR č. 322/2006 Z.z. o spôsobe ďalšieho vzdelávania zdravotníckych pracovníkov, sústave špecializačných odborov a sústave certifikovaných pracovných činností.
Nariadenie vlády SR č. 324/2006 Z.z., ktorým sa mení a dopĺňa nariadenie vlády SR č. 742/2004 Z.z. o odbornej spôsobilosti na výkon zdravotníckeho povolania.
Nariadenie vlády SR č. 742/2004 Z.z. o odbornej spôsobilosti na výkon zdravotníckeho povolania.
Nariadenie vlády SR č. 743/2004 Z.z. o spôsobe ďalšieho vzdelávania zdravotníckych pracovníkov, sústave špecializačných odborov a sústave certifikovaných pracovných činností.
Odborné usmernenie MZ SR č. 05354/2005 - OO o riadení poskytovania ošetrovateľskej starostlivosti v ústavnom zdravotníckom zriadení zo dňa 7. februára 2005. Vestník MZSR 4-7/2005.
Odborné usmernenie MZ SR č. 07547/2007- OZSO o poskytovaní domácej zdravotnej starostlivosti zo dňa 26. februára 2007. Vestník MZSR 8-10/2007.
Odborné usmernenie MZ SR č. 16138-2/2004- OO pre tvorbu, implementáciu a hodnotenie štandardov v ošetrovateľstve a pôrodnej asistencii zo dňa 30. augusta 2004. Vestník MZ SR osobitné číslo/2004.
Odborné usmernenie MZ SR č. 41978/2005 - OO o vedení ošetrovateľskej dokumentácie zo dňa 20. júna 2005. Vestník MZSR 35-46/2005.
Štandardné preventívne, diagnostické a terapeutické postupy. https://www.health.gov.sk/?spdtp
Vörösová, G. et al. Klasifikačné systémy a štandardizácia terminológie v ošetrovateľstve. 1. vyd. Martin: Vydavateľstvo Osveta, 2007.
Vörösová, G. et al. Ošetřovatelská diagnostika v práci sestry. Praha: Vydavateľstvo Grada Publishing 2015.
Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz. Vyhláška MZ SR č. 208/2024 Z.z. ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Žiaková, K. et al. Ošetrovateľské konceptuálne modely. Martin: Vydavateľstvo Osveta, 2007.
Žiaková, K. et al. Ošetrovateľstvo : Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.
Žiaková, K. Vybrané kapitoly z ošetrovateľskej teórie II. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 17.7.2012, posledná aktualizácia 28.5.2013 [cit. 2022-01-20]

Dostupné na:
<http://portal.jfmed.uniba.sk/clanky.php?aid=189>. ISSN 1337-7396.
Žiaková, K., Kalánková, D. Súbor prezentácií z predmetu Ošetrovateľstvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 15. 01. 2020]. Dostupný z: https://portal.jfmed.uniba.sk//clanky.php?aid=384. ISSN 1337-7396.
Žiaková, K., Kalánková, D. Súbor prednášok z predmetu Ošetrovateľstvo II-1. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 2022-01-20]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=390. ISSN 1337-7396.
Žiaková, K. et al. Ošetrovateľský slovník. Martin: Vydavateľstvo Osveta, 2009.

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. Mgr. Katarína Žiaková, PhD., Mgr. Radka Kurucová, PhD.

Last change: 23.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-040/22	Nursing Practice (1)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 6 **per level/semester:** 84
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-063/22 - Nursing Techniques (3)

Course requirements:
CS (20 hours) – study of the literature.
CPO (30 hours) – preparation and presentation of a selected clinical (critical) incident from nursing practice using standardized SBAR communication, along with a nursing care plan for a selected patient.
Student assessment is carried out through the evaluation of the presentation of a selected clinical incident, the nursing care plan, the performance of nursing techniques, and clinical skills.
Overall grading: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
Upon completion of the course, the student will be able to apply knowledge from theoretical, clinical, nursing, and humanities disciplines within the context of nursing practice. While providing individualized nursing care to patients with selected diseases and conditions in surgical and medical disciplines, the student will be able to perform fundamental and specialised nursing techniques. The student will be able to implement knowledge related to competent, safe, and ethically appropriate care, with an emphasis on applying best practice principles and evidence-based nursing, and apply professional, legislative principles and regulations, as well as standards essential for the performance of clinical practice. The student will be able to perform the method of nursing process and demonstrate the skills of standardised communication of critical incidents using the SBAR method. Will be capable of participating effectively in the work schedule in a nursing unit, contributing to the continuity of nursing care in the context of primary, secondary, and tertiary healthcare, and positively influencing patient's health awareness and behaviours to support active participation in the health protection, promotion, and restoration. The student will demonstrate the knowledge of technical innovations related to the methods of healthcare and nursing care.

Class syllabus:
Implementation of a nursing process method in patient care.
Nursing history, physical examination, assessment of patient needs, and administration of measurement tools and instruments within the nurse's scope of practice.

Nursing management of symptoms of selected diseases.
Standardised communication of critical incidents using the SBAR method.
Team collaboration.
Implementation of fundamental and specialised nursing techniques:
Handling and maintenance of patient care equipment and supplies, and basic infection prevention practices
Dressing materials and bandaging techniques
Bed maintenance and patient positioning
Fundamental and specialised hygienic care
Prevention of complications related to immobilisation/disuse syndrome
Vital signs assessment
Nutrition and fluid intake management
Elimination management
Medication administration
Oxygen therapy, thermotherapy
Specimen collection
Parenteral medication administration
Surgical nursing
Management of health records within the scope of nursing care
Technical innovations related to methods of healthcare and nursing care.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=251
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Dostupné na: file:///d:/Downloads/e-hlinkova-vseobecna-chirurgia-a-osetrovatelstvo-vybrane-kapitoly-1-1.pdf
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/oschir/
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických rán. 1. vyd. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.
Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: file:///d:/Downloads/vybrane-hodnotiace-a-meracie-techniky-v-osetrovatelstve.pdf
Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.
Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v

Martine, Ústav ošetrovateľstva, 2015. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY
MZ SR – Schválené postupy na výkon prevencie, štandardné diagnostické postupy a štandardné terapeutické postupy – časti: Ošetrovateľstvo. Ošetrovateľstvo v intenzívnej starostlivosti.
OPS pre otázky bezpečnosti pacienta. Dlhodobá starostlivosť. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.
Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/os-diagnostika-2/html5/index.html?&locale=SKY
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška MZ SR č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz.
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.
Zákon č. 576/2004 Z. z. z 21. októbra 2004 o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 181

A	ABS0	B	C	D	E	FX
33,15	0,55	49,72	14,92	0,55	0,0	1,1

Lecturers: Mgr. Martina Lepiešová, PhD., Mgr. Klára Kuljovská, Mgr. Jaroslav Madleňák, PhD., Mgr. Lucia Podolinská, PhD., Mgr. Silvia Tomášová, Mgr. Jana Rónová

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-041/22	Nursing Practice (2)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 16 **per level/semester:** 224
Form of the course: on-site learning

Number of credits: 10

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-040/22 - Nursing Practice (1)

Course requirements:
Course requirements:
CS (20 hours) - study of literature
CPO (30 hours) - developing a nursing care plan for a selected patient
Student evaluation takes place in the form of an evaluation of the nursing care plan and a record from the student's portfolio - Student final evaluation (communication skills, teamwork, attendance, grooming, hygienic-epidemiological regime, practical skills and theoretical knowledge, ethical standards)
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
By completing the course, the student will be able to apply knowledge from theoretical, clinical, nursing and humanities disciplines in the conditions of nursing practice. When providing individualized nursing care to patients with selected diseases and conditions in surgical and internal medicine disciplines, he will be able to implement basic and special nursing techniques. He will be able to implement knowledge related to competent, safe and ethically adequate care, with an emphasis on applying the principles of best practice and evidence-based nursing. Apply professional, legislative principles and regulations, standards important for the performance of clinical practice. Implement the nursing process. The student will demonstrate skills in standardized communication of critical events using the SBAR method. He will be able to engage in work on the nursing unit, participate in ensuring the continuity of nursing care in the context of primary, secondary and follow-up health care, and positively influence the patient's health behavior for active participation in the protection, support and restoration of their own health. The student will demonstrate knowledge of technical innovations related to health and nursing care methods.

Class syllabus:
Implementation of the nursing process method in patient care
Nursing history, physical examination, needs assessment, administration of measurement tools within the competence of the nurse

Nursing management of symptoms of selected diseases
Standardized communication of critical events using the SBAR method
Team cooperation
Management of patient admission, transfer, discharge and ensuring subsequent continuous nursing care, discharge and transfer report
Implementation of nursing interventions related to diagnostic and therapeutic procedures during invasive and non-invasive procedures, when administering transfusion drugs.
Patient and medical staff safety, adverse events
Providing information and educating the patient before diagnostic and therapeutic procedures
Maintaining medical documentation within the scope of nursing care
Technical innovations related to health and nursing care methods
Nursing care for a patient with a stoma
Nursing care for a child, a pediatric patient
Implementation of basic and special nursing techniques:
Care for devices and basic infection prevention procedures
Bandage material and dressing technique
Bed care and securing individual patient positions
Basic and special hygiene care
Prevention of immobilization syndrome
Vital functions
Nutrition and fluid intake
Care for emptying
Medication application
Oxygen therapy, thermotherapy
Collection of biological material
Parenteral administration of drugs

Recommended literature:

Recommended literature:
Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://e-meracienastroje.jfmed.uniba.sk
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. Available on: http://oschir.jfmed.uniba.sk
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických rán. 1. vyd. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.
Kachlová, M., Kučová, J. Petrášová, V. Ošetřovatelská péče v neonatologii. Praha: Grada, 2022.
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve.

[online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.
Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. Available on: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY
MZ SR – schválené nové a inovované štandardné klinické postupy v zdravotníctve. [online]. Available on: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.
Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada, 2008.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=440
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 169

A	ABS0	B	C	D	E	FX
89,35	0,0	8,28	2,37	0,0	0,0	0,0

Lecturers: Mgr. Edita Hlinková, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-048/22	Nursing Practice (3)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 16 **per level/semester:** 224
Form of the course: on-site learning

Number of credits: 10

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-041/22 - Nursing Practice (2)

Course requirements:
CS (20 hours) - study of literature
CPO (30 hours) - developing a nursing care plan for a selected patient
Student evaluation takes place in the form of an evaluation of the nursing care plan and a record from the student's portfolio - Student final evaluation (communication skills, teamwork, attendance, grooming, hygienic-epidemiological regime, practical skills and theoretical knowledge, ethical standards)
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
By completing the course, the student will be able to apply knowledge from theoretical, clinical, nursing and humanities disciplines in the conditions of nursing practice. When providing individualized nursing care to patients with selected diseases and conditions in surgical and internal medicine disciplines, he will be able to implement basic and special nursing techniques. He will be able to implement knowledge related to competent, safe and ethically adequate care, with an emphasis on applying the principles of best practice and evidence-based nursing. Apply professional, legislative principles and regulations, standards important for the performance of clinical practice. Implement the nursing process. The student will demonstrate skills in standardized communication of critical events using the SBAR method. He will be able to engage in work on the nursing unit, participate in ensuring the continuity of nursing care in the context of primary, secondary and follow-up health care, and positively influence the patient's health behavior for active participation in the protection, support and restoration of their own health. The student will demonstrate knowledge of technical innovations related to health and nursing care methods.

Class syllabus:
Implementation of the nursing process method in patient care
Nursing history, physical examination, needs assessment, administration of measurement tools within the competence of the nurse
Nursing management of symptoms of selected diseases

Standardized communication of critical events using the SBAR method
Team cooperation
Management of patient admission, transfer, discharge and ensuring subsequent continuous nursing care, discharge and transfer report
Implementation of nursing interventions related to diagnostic and therapeutic procedures during invasive and non-invasive procedures, when administering transfusion drugs.
Patient and medical staff safety, adverse events
Providing information and educating the patient before diagnostic and therapeutic procedures
Maintaining medical documentation within the scope of nursing care
Technical innovations related to health and nursing care methods
Nursing care for a patient with a stoma
Nursing care for a child, a pediatric patient
Implementation of basic and special nursing techniques:
Care for devices and basic infection prevention procedures
Bandage material and dressing technique
Bed care and securing individual patient positions
Basic and special hygiene care
Prevention of immobilization syndrome
Vital functions
Nutrition and fluid intake
Care for emptying
Medication application
Oxygen therapy, thermotherapy
Collection of biological material
Parenteral administration of drugs

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://e-meracienastroje.jfmed.uniba.sk
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
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Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.
Kachlová, M., Kučová, J. Petrášová, V. Ošetřovatelská péče v neonatologii. Praha: Grada, 2022.
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=430

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.
Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. Available on: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY
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NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.
Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada, 2008.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=440
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 168

A	ABS0	B	C	D	E	FX
90,48	0,6	8,93	0,0	0,0	0,0	0,0

Lecturers: PhDr. Jana Nemcová, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-029/22	Nursing Research (1)

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: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-005/15 - Philosophy and Ethics in Nursing

Course requirements:
CS (20 hours) a study of literature and preparation for the test.
CPO (20 hours) analysis and presentation of literary sources related to the bachelor's thesis topic, development of the first part of the research project for the bachelor's thesis.
Knowledge Test.
Student evaluation is carried out through a knowledge test, presentation of the analysis of literary sources, and development of the first part of the research project for the bachelor's thesis.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 55/45

Learning outcomes:
By completing the course, the student can define and characterize the various quantitative and qualitative scientific research methods used in the field of nursing. He/she can search for relevant literary sources, determine the research problem, choose appropriate research methods based on the formulated problem. He/she can adhere the ethical requirements of research on the human subject. He/she can apply the results of research in practice. The student can apply the acquired knowledge to prepare the bachelor's thesis.

Class syllabus:
Concept of science. Classification of sciences. Natural, social, and humanities sciences. The place of nursing in the system of sciences. Scientific methods and their classification. Quantitative and qualitative methods in nursing research.
Ethical aspects of nursing research.
Working with professional literature and other documents. Searching for literary sources, their use and processing. Professional and technical aspects of working with literature. Processing and storing professional information.
Basic relationships: document, written work, reference, citation (methodology, relevance and representativeness of source selection, processing and citation techniques, ethical aspects of working with literature). Paraphrasing and direct quoting of other authors.
Nursing research and evidence-based practice (EBP).

Literature review. Types of literature reviews. Criteria for selecting literary sources, searching in relevant databases, article evaluation.
Research project and its phases.
Formulating research problems, objectives, and tasks in various types of bachelor's theses.
Selection of research sample.
Observation. Stages, types, structured and unstructured observation. Observation systems, rating scales. Recording. Observer training.
Interview. Introduction, phases, questions, types, method evaluation. Interview protocol.
Questionnaire. Purpose, structure, item forms, questionnaire design, pilot study. Questionnaire processing. Response rate.
Case study. Preparation and use.
Content analysis of documentation.

Recommended literature:

Gavora, P. et al. Elektronická učebnica pedagogického výskumu.[online]. Bratislava: Univerzita Komenského, 2010. Dostupné na: http://www.e-metodologia.fedu.uniba.sk/
Gurková, E. Praktický úvod do metodologie výzkumu v ošetřovatelství. [online]. Fakulta zdravotnických věd Univerzita Palackého v Olomouci, 2016. Dostupné z: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/2019-0440_Gurkova.pdf
Lajčiaková, P., K. Tabačková. Ako spracovať výskum. Ružomberok: Verbum, 2010.
Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021.
Mazalová, L. Kapitoly z výzkumu v ošetřovatelství. [online]. Fakulta zdravotnických věd Univerzita Palackého v Olomouci, 2016. Dostupné z: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/Kapitoly_z_vyzkumu_ _osetrovatelstvi.pdf
Punch, K. F. Úspěšný návrh výzkumu. Praha: Portál, 2008.
Silverman, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005.
Škodová Z. Praktický úvod do metodológie výskumnej práce. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] Dostupné z http://portal.jfmed.uniba.sk/clanky.php?aid=234
Žiaková, K. et al. Ošetrovateľstvo: Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.
Žiaková, K. et al. Ošetrovateľský slovník. Martin: Vydavateľstvo Osveta, 2009.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 181

A	ABS0	B	C	D	E	FX
12,15	0,0	51,38	25,41	9,94	1,1	0,0

Lecturers: prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD., doc. Mgr. Martina Tomagová, PhD., doc. Mgr. Ivana Bóriková, PhD., Mgr. Martina Nebošková, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-042/17	Nursing Research (2)

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: 5.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-029/22 - Nursing Research (1)

Course requirements:
CS (20 hours) study of relevant resources for the elaboration of the final thesis.
CPO (20 hours) elaboration of a research project (Part II).
Student evaluation is based on a knowledge test and research project.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 30/70

Learning outcomes:
By completing the course, student can define and characterize the individual quantitative and qualitative scientific methods used in the field of nursing and she/ he can adequately use them in the preparation of research. Student is able to use descriptive statistics in data processing and file description can create tables and graphs. The student is able to use thematic analysis in the processing of qualitative data. The student knows the essentials of final work of various nature. Based on the acquired knowledge, student can prepare a final thesis.

Class syllabus:
Introduction and subject evaluation. Current state of the issue domestically and abroad – first part of the bachelor thesis.
Literature review. Synthesis of results from qualitative and quantitative research.
Academic writing.
Thematic analysis – interview processing.
Descriptive statistics and its use in data processing in MS Excel.
Presentation of analyzed data. Description of the research sample. Creating tables and graphs.
Requirements for the practical part of the thesis.
Project preparation, ethical aspects of the thesis, consultations.

Recommended literature:
Gavora, P. et al. Elektronická učebnica pedagogického výskumu.[online]. Bratislava: Univerzita Komenského, 2010. Dostupné na: http://www.e-metodologia.fedu.uniba.sk/

Gurková, E. Praktický úvod do metodologie výzkumu v ošetřovatelství. [online]. Fakulta zdravotnických věd Univerzita Palackého v Olomouci, 2016. Dostupné z: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/2019-0440_Gurkova.pdf
Lajčiaková, P., K. Tabačková. Ako spracovať výskum. Ružomberok: Verbum, 2010.
Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021.
Mazalová, L. Kapitoly z výzkumu v ošetřovatelství. [online]. Fakulta zdravotnických věd Univerzita Palackého v Olomouci, 2016. Dostupné z: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/Kapitoly_z_vyzkumu_ _osetrovatelstvi.pdf
Punch, K. F. Úspěšný návrh výzkumu. Praha: Portál, 2008.
Silverman, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005.
Škodová Z. Praktický úvod do metodológie výskumnej práce. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] Dostupné z http://portal.jfmed.uniba.sk/clanky.php?aid=234
Žiaková, K. et al. Ošetrovateľstvo: Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.
Žiaková, K. et al. Ošetrovateľský slovník. Martin: Vydavateľstvo Osveta, 2009.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 235

A	ABS0	B	C	D	E	FX
39,57	0,0	37,02	17,87	3,4	2,13	0,0

Lecturers: prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD., doc. Mgr. Martina Tomagová, PhD., Mgr. Radka Kurucová, PhD., Mgr. Lucia Podolinská, PhD., Mgr. Martina Nebošková, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-043/17	Nursing Research (3)

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: 5

Recommended semester: 6.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-042/17 - Nursing Research (2)

Course requirements:
CS (36 hours) study of relevant resources for the elaboration of a final thesis.
CPO (66 hours) a student under the guidance of a supervisor prepares a final's thesis.
The evaluation of the subject is based on the elaboration of a final's thesis according to the evaluation of the supervisor.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
In preparing the final thesis, the student can search for relevant literary sources, can determine the research problem, and can choose adequate research methods to solve the formulated problem. The student can apply the ethical requirements necessary for research on the human subject. The student can specify the research file, analyses the obtained data based on statistical methods and/or qualitative data analysis, can interpret the findings and can suggest recommendations for practice, research and education. Based on the knowledge, the student can prepare a final thesis. The student can prepare a presentation of the obtained results in order to defend the final work.

Class syllabus:
Elaboration of the current overview of knowledge on the topic of the final thesis.
Preparation and implementation of the practical part of the final thesis.
Preparation of presentation of results and defence of final thesis.

Recommended literature:
Gavora, P. et al. Elektronická učebnica pedagogického výskumu.[online]. Bratislava: Univerzita Komenského, 2010. Dostupné na: http://www.e-metodologia.fedu.uniba.sk/
Gurková, E. Praktický úvod do metodologie výzkumu v ošetřovatelství. [online]. Fakulta zdravotnických věd Univerzita Palackého v Olomouci, 2016. Dostupné z: https://www.fzv.upol.cz/fileadmin/userdata/FZV/Dokumenty/OSE/2019-0440_Gurkova.pdf
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Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021.
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Žiaková, K. et al. Ošetrovateľstvo: Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.
Žiaková, K. et al. Ošetrovateľský slovník. Martin: Vydavateľstvo Osveta, 2009.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 231

A	ABS0	B	C	D	E	FX
51,95	0,0	24,68	15,58	3,03	3,9	0,87

Lecturers: doc. Mgr. Juraj Čáp, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-010/22	Nursing Techniques (1)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 6 **per level/semester:** 84
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
CS (30 hours) – study of the literature and preparation for the test.
Student assessment is carried out through the continuous evaluation of their practical skills, final written knowledge test, and final verification of clinical competencies using the OSCE method.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 10/90

Learning outcomes:
Upon completion of the course, the student will be able to perform fundamental and specialised nursing techniques and will understand the essential principles of nursing care provision, with an emphasis on applying best practice principles and evidence-based nursing. The graduate will be able to justify and argue for the chosen approach to specific nursing intervention, prepare the required equipment, assess the patient prior to the intervention, provide psychological preparation, educate the patient before and after the intervention, carry out physical preparation, perform the intervention in accordance with clinical guidelines and standards, communicate effectively with the patient regarding the intervention, record and document the intervention, and convey information using the structured SBAR communication method.

Class syllabus:
Handling and maintenance of patient care equipment and supplies, and basic infection prevention practices
Dressing materials and bandaging techniques
Bed maintenance and positioning I.
Fundamental and specialised hygienic care
Prevention of complications related to immobilisation/disuse syndrome
Vital signs assessment I.
Nutrition and fluid intake management I.
Elimination management I.
Medication administration
Specimen collection I.

Specimen collection II.
Parenteral medication administration I.
Technical innovations related to methods of healthcare and nursing care

Recommended literature:

E-learningový kurz Ošetrovateľské techniky, tvorený za podpory grantu KEGA: Implementácia metód objektívneho štruktúrovaného klinického hodnotenia (OSCE) do výučby študentov zdravotníckych študijných programov (025UK-4/2021) Dostupné na: https://moodle.uniba.sk/course/view.php?id=1494
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského, 2020. 86 s. ISBN 978-80-8187-087-3. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Krišková, A. a kol. Ošetrovateľské techniky. Martin: Osveta, 2006. 779 s. ISBN 80-8063-202-2.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. a kol. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2 Dostupné na: https://portal.jfmed.uniba.sk/clanky.php?aid=319
MZ SR. Schválené postupy na výkon prevencie, štandardné diagnostické postupy a štandardné terapeutické postupy – časti: Ošetrovateľstvo. Ošetrovateľstvo v intenzívnej starostlivosti. OPS pre otázky bezpečnosti pacienta. Dlhodobá starostlivosť. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
MZ SR. Vyhláška MZ SR č. 192/2015 Z. z. z 28. júla 2015, ktorou sa mení a dopĺňa vyhláška Ministerstva zdravotníctva Slovenskej republiky č. 553/2007 Z. z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia.
MZ SR. Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Osacká, P. a kol. Techniky a postupy v ošetrovateľstve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.
Zákon č. 576/2004 Z. z. z 21. októbra 2004 o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 209

A	ABS0	B	C	D	E	FX
39,71	0,0	41,15	12,44	3,83	0,48	2,39

Lecturers: Mgr. Ivan Farský, PhD., Mgr. Martina Lepiešová, PhD., Mgr. Michaela Miertová, PhD., Mgr. Klára Kuljovská

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-011/26	Nursing Techniques (2)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 6 **per level/semester:** 84
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-010/22 - Nursing Techniques (1)

Course requirements:
CS (15 hours) studying literature and test preparation
CPO (15 hours) preparation and realization of selected nursing procedures
Theoretical knowledge - knowledge test.
Final examination of clinical competences by OSCE method.
Overall grade: A: 100-91%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course, the student will demonstrate basic information regarding the clinically correct and safe performance of practice with respect to the principles of evidence-based practice. Within this course, students in the conditions of clinical practice can use theoretical knowledge and practical skills acquired in the course Nursing Techniques 1.
The student can practically:
- adhere to the principles of medical asepsis and take appropriate care of the equipment used;- provide personal hygiene of patients
- assess the impact of immobility on the human body and perform active, passive and self-assistedexercises;
- measure, assess, evaluate and record vital signs (body temperature, pulse, respiration, bloodpressure, oxygen saturation, obtain an electrocardiogram -ECG)
- define the principles of diet therapy and the diet system; administer food to patients, insert andadminister enteral nutrition by tubes (orogastric/nasogastric), provide care of a Gastro/ Jejunostomy, administer enteral nutrition by Gastro/Jejunostomy
- manage urinary and bowel elimination – insertion of a straight / indwelling urinary catheter ina female, assistance in urinary catheterization in a male, administering an enema; provide care of stomas; insert and remove a rectal catheter to drain liquid stool
- describe different forms of medications, prepare and administer different forms of medicationsaccording to the prescriptions;
- prepare and administer oxygen and inhalation therapy
- apply heat and cold as therapeutic, supportive interventions

- prepare and administer injections
- prepare and administer intra venous therapy, assist with blood therapy, describe complications of blood therapy
- administer parenteral nutrition
- define principles of specimen collections, provide specimen collections
- provide wound care – changing the wound dressing in aseptic / septic / chronic wounds, assistingin wound care, care of a patient with drain / drainage system
- establish and maintain a sterile field; assist in small surgeries
- indicate treatment and treat a primary healing wound
- treat decubitus
- use the structured method of SBAR communication.

Class syllabus:

Nutrition and Fluid Balance II.
Elimination II.
Nonparenteral medications
Specimen Collection III.
Parenteral medications II.
Oxygen therapy, thermo therapy
Surgical nursing I.
Technical innovations related to health and nursing care methods.

Recommended literature:

E-learningový kurz Ošetrovateľské techniky, tvorený za podpory grantu KEGA: Implementácia metód objektívneho štruktúrovaného klinického hodnotenia (OSCE) do výučby študentov zdravotníckych študijných programov (025UK-4/2021) Dostupné na: https://moodle.uniba.sk/course/view.php?id=1494
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského, 2020. 86 s. ISBN 978-80-8187-087-3. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Krišková, A. a kol. Ošetrovateľské techniky. Martin: Osveta, 2006. 779 s. ISBN 80-8063-202-2.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. a kol. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2 Dostupné na: https://portal.jfmed.uniba.sk/clanky.php?aid=319
MZ SR. Schválené postupy na výkon prevencie, štandardné diagnostické postupy a štandardné terapeutické postupy – časti: Ošetrovateľstvo. Ošetrovateľstvo v intenzívnej starostlivosti. OPS pre otázky bezpečnosti pacienta. Dlhodobá starostlivosť. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
MZ SR. Vyhláška MZ SR č. 192/2015 Z. z. z 28. júla 2015, ktorou sa mení a dopĺňa vyhláška Ministerstva zdravotníctva Slovenskej republiky č. 553/2007 Z. z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia.
MZ SR. Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Osacká, P. a kol. Techniky a postupy v ošetrovateľstve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.

Zákon č. 576/2004 Z. z. z 21. októbra 2004 o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.

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: Mgr. Ivan Farský, PhD., Mgr. Martina Lepiešová, PhD., Mgr. Silvia Tomášová, Mgr. Michaela Miertová, PhD., Mgr. Klára Kuljovská

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-063/22	Nursing Techniques (3)

Educational activities:
Type of activities: practicals
Number of hours:
per week: 6 **per level/semester:** 84
Form of the course: on-site learning

Number of credits: 8

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-011/22 - Nursing Techniques (2)

Course requirements:
CS (20 hours) studying literature and test preparation
CPO (30 hours) preparation and realization of selected nursing procedures
Theoretical knowledge - knowledge test.
Final examination of clinical competences by OSCE method.
Overall grade: A: 100-91%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course, the student will demonstrate basic information regarding the clinically correct and safe performance of practice with respect to the principles of evidence-based practice. Within this course, students in the conditions of clinical practice use theoretical knowledge and practical skills acquired in the course Nursing Techniques 1st and 2nd.
The student can practically realize:
- positioning of unconscious patients from supine position to pronated position (e.g. patient withacute respiratory distress)
- suction secretions from the secured airways (oropharyngeal / nasopharyngeal); suction secretions from thetracheostomy / endotracheal tube; take care nursing about tracheostomy
- operating equipment for continuous monitoring of the patient's vital signs (connection of thepatient to the monitor, manipulation with the monitor); assist in measuring central venous pressure - administering enteral nutrition (naso/orogastric, gastro/jejunostomas) continually and with enteral pump
- performing catheter irrigation, perform urostomy care, change dressing of urostomy; perform careof epicystostomy and nephrostomy
- preparation and administering intradermal injections; manipulate and administer medications viainfusion pump/injectiomat, prepare and administer medications into epidural catheter, perform care of epidural catheter
- providing nursing skills and techniques with specifics for childhood (administer inhale therapyto the child; prepare and assist with administering medications to the child; assist with peripheral venous cannulation, feed the child, bathe baby; measure, evaluate and document vital signs of

children, repack baby diapers, measure, evaluate and document weight of children; insert a rectal tube to the child;
- perform the first nursing care of the physiological newborn; ensure the early attachment of the physiological newborn to the mother's breast; perform the postnatal care of the physiological newborn
- preparing sterile field; assist with small surgical procedures, remove intermittent sutures - using the structured method of SBAR communication.

Class syllabus:
Nutrition and Fluid Balance III.
Elimination III.
Parenteral medications III.
Surgical nursing II.
Vital signs II.
Nursing child care
Bedmaking and positioning of patients II.
Advance hygienic care - Airway Clearance
Technical innovations related to health and nursing care methods.

Recommended literature:
E-learningový kurz Ošetrovateľské techniky, tvorený za podpory grantu KEGA: Implementácia metód objektívneho štruktúrovaného klinického hodnotenia (OSCE) do výučby študentov zdravotníckych študijných programov (025UK-4/2021) Dostupné na: https://moodle.uniba.sk/course/view.php?id=1494
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Krišková, A. a kol. Ošetrovateľské techniky. Martin: Osveta, 2006. 779 s. ISBN 80-8063-202-2.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. a kol. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2 Dostupné na: https://portal.jfmed.uniba.sk/clanky.php?aid=319
MZ SR. Schválené postupy na výkon prevencie, štandardné diagnostické postupy a štandardné terapeutické postupy – časti: Ošetrovateľstvo. Ošetrovateľstvo v intenzívnej starostlivosti. OPS pre otázky bezpečnosti pacienta. Dlhodobá starostlivosť. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
MZ SR. Vyhláška MZ SR č. 192/2015 Z. z. z 28. júla 2015, ktorou sa mení a dopĺňa vyhláška Ministerstva zdravotníctva Slovenskej republiky č. 553/2007 Z. z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia.
MZ SR. Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Osacká, P. a kol. Techniky a postupy v ošetrovateľstve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.
Zákon č. 576/2004 Z. z. z 21. októbra 2004 o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 137

A	ABS0	B	C	D	E	FX
18,25	0,0	45,26	27,74	8,76	0,0	0,0

Lecturers: Mgr. Ivan Farský, PhD., Mgr. Silvia Tomášová, Mgr. Klára Kuljovská, Mgr. Anna Ovšonková, PhD., Mgr. Edita Hlinková, PhD., Mgr. Katarína Chromčíková, PhD., Mgr. Lucia Podolinská, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-014/22	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: 2

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚA/J-1-OS-001/26 - Anatomy and JLF.ÚFy/J-1-OS-064/26 - Physiology

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.
Biopsy and cytology in pathology.
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.
Disorders of the arterial and venous systems of the lower extremities.

Pathology and pathophysiology of diseases of the gastrointestinal tract and peritoneum.
Hepatobiliary disorders.
Pathology and pathophysiology of the most important respiratory diseases.
Functional consequences of the most important respiratory diseases, respiratory insufficiency.
Pathology and pathophysiology of the most important urinary tract diseases, clinical syndromes in renal diseases, acute and chronic renal failure.
Pathology and pathophysiology of the of the most important central nervous system disorders.
Overview of blood pathology.
Overview of pathology of the male and female reproductive system, pathological conditions associated with pregnancy.

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: 193

A	ABS0	B	C	D	E	FX
2,07	0,0	12,44	26,94	37,82	20,21	0,52

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. Jozef Mičák, PhD., MUDr. Petra Kolenčíková, PhD., MUDr. Juraj Marcinek, 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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-015/15	Patient s Needs and Nursing Process (1)

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: 4

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
CS (29 hours) study of the literature and preparation for the test.
CPO (16 hours) based on the assessed patient data and the recorded nursing diagnosis, to justify the nursing diagnosis and develop an appropriate nursing care plan.
The evaluation in the form of two knowledge tests and the evaluation of the written work focused on nursing diagnosis and nursing care planning.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 100/0

Learning outcomes:
By completing the course, the student can characterize the nursing process method, describe its phases - assessment, diagnosis, planning, implementation, and evaluation. He can implement it in clinical practice, work with the patient's medical record, and use the structured SBAR communication method. He can document the implementation of the phases of the nursing process. The student can assess the individual, his needs (breathing, nutrition, hydration, urination and defecation, sleep and rest, movement, self-care), establish nursing diagnoses, establish nursing care goals, outcome criteria and prepare a nursing care plan, implement and evaluate nursing care. He can apply the acquired knowledge in clinical practice.

Class syllabus:
Introduction of nursing process, definition of term, basis of development, overview of components of nursing process. The importance of the nursing process for clinical practice; barriers to the implementation of the nursing process.
1st phase of the nursing process – assessing; sources of information and methods of data acquisition, assessment according to M. Gorgon, types of assessment, documentation of assessment.
2nd phase of the nursing process – diagnosing; diagnostic process, Taxonomy II of nursing diagnoses according to NANDA-I.
3rd phase of the nursing process – planning; establishing priorities, goals and outcome criteria, nursing care, nursing care plans.
4th phase of the nursing process – implementing; implementation process, nursing interventions

- types, taxonomy.
5th phase of the nursing process – evaluating; process of evaluation.
Transmission of information in the health care team, SBAR communication strategy. Patient medical record.
Human needs. Hierarchy of needs by A. H. Maslow. Factors influence human needs. Patient-centered care.
Breathing and nursing care.
Nutrition and nursing care.
Fluid, electrolyte and nursing care.
Elimination and nursing care.
Sleep and rest and nursing care.
Physical activity and nursing care.
Self-care, self-sufficiency and nursing care.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál JLF UK[online] 21.1.2014, posledná aktualizácia 22.1.2014 [cit. 2014-01-28] Dostupné na: http://portal.jfmed.uniba.sk/clanky.php?aid=251
Gurková, E. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
NANDA International. Ošetřovatelské diagnózy. Definice a klasifikace 2018-2020. Praha: Grada Publishing. 2020.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín. Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 13. 01. 2022]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Miertová, M. et al. Multimediálna vysokoškolská učebnica techník a zručností. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. [online], [cit. 13. 01. 2022]. Dostupné na: http://e-knihy.jfmed.uniba.sk/knihy/ostech/ ISBN 978-80-89544-88-2
Nemčeková. M. et al. Práva pacientov: Medicínske, ošetrovateľské a filozofickoetické súvislosti. Martin: Osveta, 2004.
Odborné usmernenie MZ SR o vedení zdravotnej dokumentácie zo dňa 24. septembra 2009.
Tomagová, M. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Bóriková, I. Ošetrovateľský proces pre vzdelávanie a klinickú prax. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského, 2022 [online]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=454
Tomagová, M., Žiaková K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 13. 01. 2022]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=440.
Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz.
Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 380

A	ABS0	B	C	D	E	FX
17,89	0,0	49,21	24,47	5,53	1,05	1,84

Lecturers: doc. Mgr. Martina Tomagová, PhD., Mgr. Radka Kurucová, PhD., Mgr. Mária Zanovitová, PhD.

Last change: 14.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-016/15	Patient s Needs and Nursing Process (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: 2.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-015/15 - Patient s Needs and Nursing Process (1)

Course requirements:
CS (20 hours) study of the literature and preparation for the tests.
CPO (20 hours) write nursing documentation about the selected patient.
The evaluation of the student takes the form of two tests and an evaluation of the nursing documentation prepared for a selected patient.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 100/0

Learning outcomes:
After completing the subject, the student can assess the human needs (breathing, nutrition, hydration, urinary and faecal elimination, sleep and rest, exercise, self-care, reduce pain, safety, cognition, self-concept, social and spiritual needs), determine nursing diagnoses; set goals of nursing care, outcome criteria and prepare a plan of nursing care, implement and evaluate nursing care. The student can apply the acquired knowledge in clinical practice.

Class syllabus:
Breathing and nursing care.
Nutrition and nursing care.
Fluid, electrolyte and nursing care.
Elimination and nursing care.
Sleep and rest and nursing care.
Physical activity and nursing care.
Self-care, self-sufficiency and nursing care.
Need to avoid / reduce pain and nursing care.
Safety (being safe and feeling safe) and nursing care.
Cognition and learning and nursing care.
Self-concept and nursing care.
Social needs and nursing care.
Spiritual needs and nursing care.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál JLF UK[online] 21.1.2014, posledná aktualizácia 22.1.2014 [cit. 2014-01-28] Dostupné na: http://portal.jfmed.uniba.sk/clanky.php?aid=251

Gurková, E. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.

NANDA International. Ošetřovatelské diagnózy. Definice a klasifikace 2018-2020. Praha: Grada Publishing. 2020.

Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.

Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín. Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 13. 01. 2022]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430

Miertová, M. et al. Multimediálna vysokoškolská učebnica techník a zručností. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. [online], [cit. 13. 01. 2022]. Dostupné na: http://e-knihy.jfmed.uniba.sk/knihy/ostech/ ISBN 978-80-89544-88-2

Nemčeková. M. et al. Práva pacientov: Medicínske, ošetrovateľské a filozofickoetické súvislosti. Martin: Osveta, 2004.

Odborné usmernenie MZ SR o vedení zdravotnej dokumentácie zo dňa 24. septembra 2009.

Tomagová, M. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.

Tomagová, M., Bóriková, I. Ošetrovateľský proces pre vzdelávanie a klinickú prax. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského, 2022 [online]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=454

Tomagová, M., Žiaková K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 13. 01. 2022]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=440.

Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz.

Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution

Total number of evaluated students: 364

A	ABS0	B	C	D	E	FX
4,12	0,0	41,21	40,38	12,09	1,65	0,55

Lecturers: doc. Mgr. Martina Tomagová, PhD., Mgr. Mária Zanovitová, PhD., Mgr. Radka Kurucová, PhD., Mgr. Michaela Miertová, PhD.

Last change: 13.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-044/22	Pediatrics and Nursing (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 3 / 2 **per level/semester:** 42 / 28
Form of the course: on-site learning

Number of credits: 4

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:
CPO (10 hours) written semester work focused on the nursing care of a child with a selected disease.
Written test.
The evaluation of students is conducted through a written test and an assessment of their semester work.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): written work 40 %, written test 60 %

Learning outcomes:
By completing the subject, the student can apply knowledge from theoretical, clinical, nursing, and humanistic disciplines with an emphasis on clinical condition, diagnostic, therapeutic, and preventive measures. The student can apply the specifics of the nursing process in pediatrics, perform anamnestic data collection, physical examination, assessment of growth and development in different age periods, and coordinate and implement the entry hygiene filter in suspected cases of infectious diseases in children. The student can describe the specifics of nutrition in childhood, including the indication of a basic diet upon the admission of a child for hospitalization. The student demonstrates nursing care for a healthy newborn and characterizes nursing care for low birth weight newborns and pathological newborns. They can define and characterize the symptoms, clinical picture, diagnosis, and treatment of diseases of individual body systems in childhood. The student is able to identify needs and nursing problems in pediatric patients with selected diseases of bodily systems and can apply the acquired knowledge and skills in planning and implementing nursing care. The graduate of the course can communicate in the healthcare team using the SBAR method.

Class syllabus:
Introduction to pediatrics. The distribution of children's age, growth, and development.
Basics of physical examination in pediatrics.
Nutrition in childhood.
Disorders of the internal environment in children.
Physiological newborn, low birth weight and pathological

newborn.
Respiratory diseases in childhood.
Cardiovascular diseases in childhood.
Gastrointestinal diseases in childhood.
Renal and urinary tract diseases in childhood.
Hematologic diseases in childhood.
Introduction to pediatrics nursing, specifics of nursing process in pediatrics.
Specifics of child assessment, assessment of growth and development in children.
Child nutrition care.
Nursing care of physiological newborn, low birth weight and pathological newborn.
Nursing care of children with respiratory diseases.
Nursing care of children with cardiovascular diseases.
Nursing care of children with gastrointestinal diseases.
Nursing care of children with renal and urinary tract diseases.
Nursing care of children with hematologic diseases.

Recommended literature:

Boledovičová, M. et al. Pediatrické ošetrovateľstvo. Martin: Osveta, 2010.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Jeseňák, M., Jakušová, Ľ., Ďurdík, P., Rennerová, Z., Havlíčeková, Z., Bánovčin, P. a kol. Moderná pediatrická propedeutika. A-medi management s.r.o., 2023.
Jurko, A., Ovšonková, A., Zanovitová, M. et al. Pediatria a ošetrovateľská starostlivosť. Bratislava: UK, 2009.
Kachlová, M., Kučová, J., Petrášová, V. Ošetřovateľská péče v neonatologii. Praha: Grada, 2022.
Klíma, J. et al. Pediatrie pro nelékařské zdravotnícke obory. Praha: Grada, 2016.
Kovács, L. Čierna, I. et al. Odporúčania na výživu dojčiat a batoliat. Bratislava: Solen, 2015. Dostupné na: Odborne_odporucania_PED_2015_Final.pdf (1000dni.sk)
Ovšonková, A. et al. Pediatrické ošetrovateľstvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: http://portal.jfmed.uniba.sk/clanky.php?aid=250.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada. 2008. Sikorová, L. Potřeby dítěte v ošetřovatelském procesu. Praha: Grada, 2011.
Slezáková, L. et al. Ošetřovatelství v pediatrii. Praha: Grada, 2010.
Šagát, Šagátová a kol. Pediatrické ošetrovateľstvo. Bratislava: Herba, 2024.
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution

Total number of evaluated students: 169

A	ABS0	B	C	D	E	FX
26,63	0,0	46,75	23,08	2,96	0,59	0,0

Lecturers: doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD., doc. MUDr. Tomáš Jurko, PhD., prof. MUDr. Katarína Maťašová, PhD., doc. MUDr. Miroslava Brndiarová, PhD., MUDr. Vladimír Zoľák, PhD., MUDr. Stanislava Suroviaková, PhD., Mgr. Katarína Chromčíková, PhD.
Last change: 28.08.2026
Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-045/22	Pediatrics and Nursing (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.ÚO/J-1-OS-044/22 - Pediatrics and Nursing (1)

Course requirements:
CPO (10 hours) written semester work focused on a selected problem in pediatrics and nursing.
The partial evaluation of students is carried out through a written test and evaluation of the semester's work. The minimum percentage to succeed is 60 %.
Oral examination.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 20/80

Learning outcomes:
By completing the course, the student can apply knowledge from theoretical, clinical, nursing, and humanistic disciplines with an emphasis on clinical condition, diagnostic, therapeutic, and preventive measures. The student can identify nursing problems in pediatric patients with selected diseases of body systems and can apply the acquired knowledge and skills to the planning and implementation of nursing care. The student can characterize pediatric patient safety and prevention of adverse events in children, the specifics of the assessment and management of pain in children in the various age categories and obtained knowledge can apply to the clinical nursing practice. The student can apply the acquired knowledge to the solution of acute situations in childhood. The student can describe palliative nursing care and selected syndromes occurring in childhood. The student will demonstrate knowledge of technical innovations related to methods of health and nursing care. The graduate of the course can communicate in a healthcare team using the SBAR method.

Class syllabus:
Skin diseases in childhood.
Endocrine diseases in childhood.
Diabetes mellitus in childhood.
Neurological diseases in childhood.
Development of the immune system and immunoalterative diseases in childhood.
Oncological diseases in childhood.
Emergencies and acute life threats in childhood.

Cardiopulmonary resuscitation in childhood.
Pediatric patient safety, prevention of adverse events.
The specifics of the pain in childhood.
Down syndrome, CAN syndrome, SIDS syndrome, and baby shaken syndrome.
Nursing care of children with skin diseases.
Nursing care of children with endocrine diseases.
Nursing care of children with diabetes mellitus.
Nursing care of children with neurological diseases.
Nursing care of children with immunoalterative diseases.
Nursing care of children with oncological diseases.
Nursing care of children in emergencies.
Palliative nursing care in childhood.

Recommended literature:

Boledovičová, M. et al. Pediatrické ošetrovateľstvo. Martin: Osveta, 2010.
Derňárová, Ľ. a kol. Potřeby dítěte s diabetes mellitus, Praha: Grada, 2021.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Jeseňák, M., Jakušová, Ľ., Ďurdík, P., Rennerová, Z., Havlíčeková, Z., Bánovčin, P. a kol. Moderná pediatrická propedeutika. A-medi management s.r.o., 2023.
Jurko, A., Ovšonková, A., Zanovitová, M. et al. Pediatria a ošetrovateľská starostlivosť. Bratislava: UK, 2009.
Klíma, J. et al. Pediatrie pro nelékařské zdravotnícke obory. Praha: Grada, 2016.
Ovšonková, A. et al. Pediatrické ošetrovateľstvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: http://portal.jfmed.uniba.sk/clanky.php?aid=250.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada. 2008.
Sikorová, L. Potřeby dítěte v ošetřovatelském procesu. Praha: Grada, 2011.
Slezáková, L. et al. Ošetřovatelství v pediatrii. Praha: Grada, 2010.
Šagát, Šagátová a kol. Pediatrické ošetrovateľstvo. Bratislava: Herba, 2024.
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 168

A	ABS0	B	C	D	E	FX
32,14	0,0	15,48	17,86	21,43	12,5	0,6

Lecturers: doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD., doc. MUDr. Peter Ďurdík, PhD., doc. MUDr. Jarmila Vojtková, PhD., MUDr. Michaela Murgašová, PhD., MUDr. Otília Petrovičová, PhD., MUDr. Stanislava Suroviaková, PhD., MUDr. Vladimír Zoľák, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-022/16	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: 3

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 and other information for drug use in nursing practice.
In the field of prescription: is responsible for preparing medical prescriptions and medical requisition forms for physician approval, as well as ensuring and coordinating the administration related to the prescribing of medicines, medical devices, and dietary foods.

Class syllabus:
Basic definition in pharmacology, HVLP, IPD, prescription, „Narcotic law“, toxicomania. The route of drug administrations, drug dosage, side effects, and drug interaction. Parenteral way of administration in nursing practice.
• 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: 295

A	ABS0	B	C	D	E	FX
24,07	0,0	24,75	20,0	19,66	10,85	0,68

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

Last change: 04.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-005/26	Philosophy and Ethics in Nursing

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:
Student evaluation is carried out through two knowledge tests, mandatory active participation in seminars and oral exam.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 34/66

Learning outcomes:
By completing the course, the student will demonstrate knowledge of the basic problems of philosophy and ethics in the context of nursing. Student will demonstrate understanding the philosophical foundations of nursing theory, research, and practice. Student can apply frameworks in further education in the relevant field of nursing as a science. The student will demonstrate understanding the ethical principles of bioethics and nursing ethics and their importance in education, practice, and research in nursing. Student can apply knowledge to case studies, can identify problems, analyse them and propose solutions. The course contributes to the formation of moral attitudes of students to nursing, patients, and other health professions in team cooperation and the creation of professionalism in nursing.

Class syllabus:
Introduction to philosophy. Critical thinking. Nursing philosophy. Basic philosophical issues in nursing.
Different concepts (images) of the human being. The human being as a natural being. Man as a cultural being. The religious concept of the human being (human being as an image of God). The human being as a bio-psycho-social-spiritual being. Basic questions of philosophical anthropology. The holistic concept of human being in nursing.
Spiritual aspects of human life. Transcendence, hope, the meaning of life. Spiritual needs and care in nursing.
Basics of communication. Language - semiotics. Character and meaning. Communication as a life form.
Fundamentals of logic and argumentation. Basic logical concepts and operations. Concept. Definitions. Logical principles. Judgment. Analysis, deduction, induction, reduction, synthesis.

Empiricism, rationalism, transcendental theory of knowledge (Kant), and positivism as starting points for scientific research. Science, the structure of science and scientific research. Scientific paradigm. Theory of truth.
Phenomenology and hermeneutics as starting points for qualitative research methods. Existentialism, borderline situation and sick person.
Ethics and morality. Basic terms. Issues of freedom and responsibility. Ethical theories. Morality and legality.
Bioethics, medical ethics, specifics of nursing ethics. Basic principles in Bioethics and Nursing Ethics. ICN and Healthcare Professional Code of Ethics.
Patient nurse relationship. Paternalism and partnership. The issue of human dignity. Patients' rights. Informed consent and the right to refuse treatment. Ethical aspects of providing information about the patient's health.
Ethical issues associated with the beginning of human life. Abortion and the issue of foetal moral status.
Thanatology. Ethics at the end of life. Dystanasia, euthanasia, assisted suicide. The concept of dignified dying in palliative care.

Recommended literature:

Čáp, J. Filozofia v ošetrovateľstve. Martin: Osveta, 2018.
Čáp, J., Palenčár, M. Smrť a vedomie smrteľnosti. Bratislava: Iris, 2012.
Čáp, J., Palenčár, M., Kurucová, R. Ľudská dôstojnosť v kontexte smrti a umierania. Martin: Vydavateľstvo Osveta, 2016.
Etický kódex pre sestry [on-line]. ICN, 2012. [07-01-2020]. Dostupné na internete: https://www.icn.ch/sites/default/files/inline-files/2012_ICN_Codeofethicsfornurses_%20eng.pdf
Etický kódex zdravotníckeho pracovníka, príloha č. 4. 2004. 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.
Heřmanová J. et al. Etika v ošetřovatelské praxi. Praha: Grada Publishing, a.s., 2012.
Lissmann, K. Zenaty, G. O myšlení: Úvod do filosofie. Olomouc: Votobia, 1994.
Nemčeková, M. et al. Práva pacientov: Medicínske, ošetrovateľské a filozoficko-etické súvislosti. Martin : Vydavateľstvo Osveta, 2004.
Svetová asociácia lekárov (WMA). Príručka lekárskej etiky (slovenský preklad), SLS, 2008. Dostupné na internete: https://www.wma.net/wp-content/uploads/2016/11/Slovak_Medical-Ethics-Manual-Pri%CC%81ruc%CC%8Cka-leka%CC%81rskej-etiky_s.pdf
Žiaková, K. et al. Ošetrovateľská etika. In Profesionalizmus a etika v ošetrovateľstve, Bratislava: Univerzita Komenského v Bratislave, 2023, s. 167-196.

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. Mgr. Juraj Čáp, PhD., Mgr. Martina Nebošková, PhD.

Last change: 05.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-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:
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: 4

ABS0	M
100,0	0,0

Lecturers: PaedDr. Jozef Šimeček

Last change: 11.07.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-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: 3

ABS0	M
100,0	0,0

Lecturers: PaedDr. Jozef Šimeček

Last change: 11.07.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-064/26	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: 2

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: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-030/22	Psychiatry, Mental Health and Nursing

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 4 / 2 **per level/semester:** 56 / 28
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-016/15 - Patient s Needs and Nursing Process (2)

Course requirements:
CS (10 hours) study of the literature and preparation for the test.
CPO (15 hours) written work focused on nursing care for patients with mental disorders.
The evaluation of students is carried out through written test, evaluation of the seminar paper and oral exam; the minimum percentage to succeed is 60%.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course, the student will be able to apply knowledge from theoretical, clinical, nursing, and humanities disciplines. The student will be able to characterize mental health and prevention of mental disorders; describe symptoms, diagnosis, and treatment of selected mental disorders; describe the operation of various types of psychiatric facilities; assess the needs of a patient with a mental disorder and diagnose nursing diagnoses, characterize technical innovations related to methods of health and nursing care in psychiatry. Provide nursing care to a patient with an affective mental disorder, schizophrenia, psychogenic mental disorder, a patient with addiction to psychoactive substances, organic mental disorder, seniors with mental disorders, children, and adolescents with mental disorders. The student will demonstrate skills in standardized communication of critical events using the SBAR method. Demonstrates knowledge of technical innovations related to methods of health and nursing care in psychiatry.

Class syllabus:
Characteristics and the content of the branch. Etiology mental disorders. Relationship psychiatry and other clinical branches.
Mental Health. Prevention mental disorders. General psychopatology.
Mood disorders.
Schizophrenia and schizophrenia - like disorders.
Reactive disorders, anxiety, obsessive - compulsive, somatoform and dissociative disorders. Alcoholism and other psychoactive substance use disorders.
Organic mental disorders including symptomatic mental disorders. Gerontopsychiatry.

Mental disorders of childhood and adolescence. Therapy and rehabilitation of psychiatric disorders. Psychiatric emergency. Suicide.
Treatment of mental disorders.
General principles of nursing care of psychiatric patients. Structure and organization of psychiatric care.
Receipt and release of patient. Psychiatric rehabilitation.
Assessment of patient with mental disorders, including the using tools, documentation. The importance of the family in caring for patient with mental disorders.
Technical innovations related to health and nursing care methods in psychiatry.
Nursing care of patient with mood disorders – depressed phase. Nursing care of patient with mood disorders – manic phase.
Nursing care of patient with schizophrenia and schizophrenia like disorders
Nursing care of patient with personality disorders and with reactive disorders, anxiety, somatoform and dissociative disorders.
Nursing care of patient with alcoholism and other psychoactive substance use disorders. Nursing care of patients with organic mental disorders including symptomatic mental disorders. Nursing care of children with mental disorders. Nursing care of patients with mental retardation. Nursing care of gerontopsychiatric patients. Falls in gerontopsychiatric patients.

Recommended literature:

Čerňanová A. Psychiatria pre nelekárske odbory. 1. vyd. Martin: Vydavateľstvo Osveta. 2024.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
NANDA International. Ošetřovatelské diagnózy. Definice a klasifikace 2018-2020. Praha: Grada Publishing. 2020.
Kolibáš, E. Príručka klinickej psychiatrie. Bratislava: Psychoprof, 2010.
Kafka, J. et al. Mentálne zdravie, psychiatria a ošetrovateľstvo. Košice: Mercury – Smékal, 2004.
Komplexný ošetrovateľský manažment pacienta s demenciou. Ministerstvo zdravotníctva Slovenskej republiky. 2020.
Malá E., P. Pavlovský. Psychiatrie. Praha: Portál, 2002.
Ondrejka, I. Depresia v kontexte kvality života. Rožňava: Roven, 2006.
Petr, T., E. Marková et al. Ošetřovatelství v psychiatrii. Praha: Grada Publishing, 2014.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz
Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 181

A	ABS0	B	C	D	E	FX
20,44	0,0	22,1	21,55	15,47	18,23	2,21

Lecturers: doc. Mgr. Martina Tomagová, PhD., doc. MUDr. Igor Ondrejka, PhD., Mgr. Ivan Farský, PhD., MUDr. Dana Fuňáková, PhD., MUDr. PhDr. Igor Hrtánek, PhD., MUDr. Miloslav Oppa, PhD., Mgr. Michaela Miertová, PhD.
Last change: 13.08.2026
Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-017/22	Psychology (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: 1

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
Student Assessment takes the form of a written test, minimum limit of success: 60%. Rating:
A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completion of the subject the student understands the basic terms of psychology, he is able to adequately use them; to orientate in literature and to critically evaluate scientific contributions of individual schools and prominent individuals in Psychology. By completing the course the student obtains basic information about the functioning of human mental processes. He acquaints himself with changes in personality, behavior, actions and mental processes. The student understands changes in personality, behavior, actions and mental processes in relation to age; the social behavior of individual in terms of both internal characteristics (personality, motives) and external influences (social environment, family).

Class syllabus:
- The definition of psychology as a science disciplines of psychology, psychology in relation to related fields.
- Basic psychological concepts: psyche, consciousness, the unconscious, behavior.
- The most important psychological schools and orientations (psychoanalysis, behaviourism, humanistic psychology). The current integrative view of psychological theory.
- Cognitive psychology: Perception, sensory processes, principles of perception; Memory, theory of forgetting, attention; thinking and learning.
- Personality, personality typology, temperament, character, ability, bio-psycho-social understanding of the concept of personality.
- Developmental psychology: determination of the human psyche development, maturation, developmental crisis a critical periods in human development; Prenatal development, childhood and adolescence
- Adulthood – early, middle, late; Aging and old age
- Individual in social environment. Socialization, personality and it´s role. Groups, leadership; Family, Family functioning.

- Social behaviour, prosocial behaviour, antisocial behaviour, Empathy

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. Dějiny 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
LANGMEIER, J., KREJČÍROVÁ, D.: Vývojová psychologie. 3. vydanie. Praha: Grada, 1998. 344s., ISBN 80-7169-185-X
HAMILTON, J. S.: Psychologie stárnutí. Praha: Portál, 1999. 318 s. ISBN 80-71782-74-2
NAKONEČNÝ, M.: Sociální psychologie. 1. vydanie. Praha: Academia, 1999. 287 s. ISBN 80-200-0690-7
KOLLÁRIK, T. a kol.: Sociálna psychológia. Bratislava: UK, 2004. 548 s. ISBN 80-223-1841-8

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

Notes:

Past grade distribution
Total number of evaluated students: 204

A	ABS0	B	C	D	E	FX
6,86	0,0	25,49	34,8	23,04	9,8	0,0

Lecturers: Mgr. Ľubica Bánovčinová, PhD.

Last change: 25.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-018/25	Psychology (2)

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: 1

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚPAs/J-1-OS-017/22 - Psychology (1)

Course requirements:
Student assessment takes form of an oral examination, a minimum limit for success: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
After completion of the subject the student obtains fundamental information about importance of empathy in nurse´s work, the mechanisms of frustration, deprivation, conflict, stress; is able to identify signs of abuse, neglect, social isolation in terms of age and gender. Student understands the impact of the disease on the patient and his family, the impact of environmental factors, issues of death and dying; and is able to apply knowledge in providing care to the patient.

Class syllabus:
- Personality, integrity and unity of personality, self-image, self-conception, conscience, adaptation maladaptation, compensation, hyper-compensation, inferiority complex.
- Psychological stress - frustration, deprivation, conflict, stress, coping strategies. - Psychosomatics, psychosocial impact of illness.
- Illness, attitudes towards illness (autoplastic image of disease, influence of age, gender and other factors).
- Coping with illness.
- Influence of the time factor (sick child, sick adult, sick elder)
- Death and dying (from the perspective of the patient, nurses and relatives).
- Psychology of health professional (health-care professional´s personality, adaptation, professional deformation, fatigue). Burnout, professional deformation prevention.
- Effect of environment on the patient (hospital, clinic, family, ADOS, hospice).

Recommended literature:
Kollárik, T. a kol. Sociálna psychológia. Bratislava: UK, 2004. 548 s. ISBN 80-223-1841-8
Prekop, J. Empatie. Vcítění v každodenním životě. Praha: Grada, 2004. 132 s. ISBN 978-80-247-0672-6

Nakonečný, M. Sociální psychologie. 2. Vyd. Praha: Academia, 2001. 287 s. ISBN 80-200-0690-7
Vymětal, J. Lékařská psychologie. Praha: Portál, 2003. 396 s. ISBN 80-7178-740-X
Zacharová, E., Hermanová, M., Šrámková, J. Zdravotnická psychologie. Praha: Grada, 2007. 229 s. ISBN 978-80-247-2068-5
Heretik, A., Heretik, A. jr. a kol. Klinická psychológia. Nové Zámky: Psychoprof, 2007. 815 s. ISBN 978-80-89322-00-8
Křivohlavý, J. Sestra a stres. Praha: Grada, 2009. 128 s. ISBN 978-80-247-3149-0
Křivohlavý, J. Psychologie zdraví. Praha: Portál, 2003. 278 s. ISBN 80-71785-61-2
Beran, J. a kol. Lékařská psychologie v praxi. Praha: Grada, 2009. 144s. ISBN978-80-247-1125-6
Požár, L. Základy psychológie ľudí s postihnutím. Trnava: TYPI UniversitatisTyrnaviensis, 2007. 184 s. ISBN 978-80-8082-147-0

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

Notes:

Past grade distribution
Total number of evaluated students: 47

A	ABS0	B	C	D	E	FX
85,11	0,0	4,26	6,38	4,26	0,0	0,0

Lecturers: Mgr. Ľubica Bánovčinová, PhD.

Last change: 25.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-062/22	Safety of patient and staff

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: 1

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
CPO (10 hours) seminar work focused on analysis of selected problems related to the issue of patient safety and personnel.
The evaluation of students is carried out through written test and evaluation of seminar work. The minimum percentage to succeed is 60%.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59%and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
After completing the subject, the student obtains and understands the basic knowledge from the patient safety and selected risks associated with providing nursing care in ambulatory, hospital and community settings. He/she can apply the obtained knowledge from the aspects of risks associated with the provision of nursing care, emphasizing on the occurrence of decubitus, falls, medication errors, and nosocomial infections in clinical practice. He/she can use personal protective equipment and can apply them in nursing practice. He/she will be able to define and differentiate forms of aggression and violence in the context of health care and identify potential causes and risk factors for aggressive patient behavior. He/she will be able to analyze the indications and contraindications for the application of restraints in accordance with current legislation.

Class syllabus:
Patient safety. Systems for evaluation of patient safety. Decubitus as an adverse event.
Falls as an adverse event.
Medication errors and their management.
Nosocomial infection and its prevention. Principles of barrier nursing regime.
Utilization of personal protective equipment in practice.
Aggression of patients towards health professionals in the exercise of their profession.
The use of restraints in the aggressive patient. Communication with the aggressive patient.

Recommended literature:
Bóriková, I. et al. Pády a ich prevencia u hospitalizovaných pacientov. Martin: Osveta,

2018.
Boroňová, J. et al. Komplexný ošetrovateľský manažment pacienta s dekubitom. Bratislava: Ministerstvo zdravotníctva Slovenskej republiky, 2019. Dostupné na: https://www.standardnepostupy.sk/standardy-osetrovatelstvo/
Boroňová, J. et al. Komplexný ošetrovateľský manažment predchádzania vzniku dekubitov u rizikového pacienta. Bratislava: Ministerstvo zdravotníctva Slovenskej republiky, 2019. Dostupné na: https://www.standardnepostupy.sk/standardy-osetrovatelstvo/
Európska komisia: Brusel 13.11.2012 COM (2012) 658 final. Správa komisie rade na základe správ členských štátov týkajúcich sa vykonávania odporúčania Rady (2009/C151/01) o bezpečnosti pacienta vrátane prevencie a kontroly nemocničných infekcií. Dostupné na: http://ec.europa.eu/health/patient_safety/docs/council_2009_report_sk.pdf.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 31. 01. 2021]. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430. ISSN 1337-7396.
Metodické usmernenie č. 03/2014 Zavádzanie systémov hlásení chýb, omylov a nežiaducich udalostí v ústavnej zdravotnej starostlivosti. Dostupné na: http://www.udzs-sk.sk/buxus/docs//Metodicke_usmernenia/MU_2014/
MU_c._3-2014_o_zavadzani_systemov_hlaseni_chyb_omylov_a_neziaducich_udalosti_v_UZS_web.pdf Miertová, M. Riziko pádu v ošetřovatelské praxi u hospitalizovaných pacientů s neurologickým onemocněním. Praha: Grada, 2019. 135 s. ISBN 978-80-271-0850-3.
NANDA International. Nursing diagnoses: definitions and classifications: 2021-2023. 12th ed. New York: Thieme Publishers, 2021.
Nariadenie vlády SR zo 7. marca 2013, ktorým sa mení nariadenie vlády SR č. 752/2004 Z.z., ktorým sa vydávajú indikátory kvality na hodnotenie poskytovania zdravotnej starostlivosti v znení neskorších predpisov. Dostupné na: https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2004/752/
Pokorná, A. et al. Management nežádoucích událostí ve zdravotnictví, metodika, prevence, identifikace a analýza. Praha: Grada, 2019. 240 s. ISBN 978-80-271-0720-9.
Slezáková, Z., Padyšáková, H. Kvalita ošetrovateľskej starostlivosti a bezpečnosť pacientov. Osveta: Martin, 2023. 208 s. ISBN 978-80-8063-516-9.
Vyhláška MZ SR č. 208/2024, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.

Languages necessary to complete the course:
slovak language

Notes:

Past grade distribution
Total number of evaluated students: 198

A	ABS0	B	C	D	E	FX
32,32	0,0	41,92	18,18	6,06	0,51	1,01

Lecturers: Mgr. Radka Kurucová, PhD., Mgr. Martina Lepiešová, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-033/16	Sociology and Social Politics

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: 3.

Educational level: I.

Prerequisites:

Course requirements:
CS (10 hours) of literature and preparation for the test.
The evaluation of students take the form of a written knowledge test. Minimum success rate: 60%.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
By completing the course, the student will demonstrate basic knowledge of general sociology as a scientific discipline, with application to health care and nursing. Student can define the characteristics of sociology of health and disease, the position of the patient in the health and social care system, social status and role of the patient, social relations between health care / patient and family, the role of self-help groups of patients with chronic diseases. Student will demonstrate an overview of social policy; can describe the importance of health literacy in disease prevention and management, the possibilities of its evaluation and the impact of socio-demographic indicators of the Slovak adult population on its level. In nursing care, the student can implement knowledge of applied sociology and social policy in patient / family care; can cooperate with a social worker of a medical facility within their competencies.

Class syllabus:
Sociology as a social science discipline. Sociology in healthcare.
Socio-demographic indicators of the Slovak population. Social policy of the Slovak Republic.
Sociology of health, social effects on health. Social determinants of health.
Health indicators of the Slovak population. Sociology of the disease, social consequences. Social aspects of chronic diseases.
Sociology of the patient and family. Patient needs - sociological aspect. The position of the patient in the hospital system and in society.
Patient groups, volunteering. Social inequality and social exclusion in access to health.
Health literacy.

Recommended literature:

Bártlová, S., Matulay, S. Sociológia zdravia, choroby a rodiny. Martin: Vydavateľstvo Osveta, 2009. 242 s. ISBN 978-80-8063-306-6.
Bártlová, S. Sociologie medicíny a zdravotnictví. Praha: Grada Publishing, 2005. 188 s. ISBN 80-247-1197-4.
Čeledová, L., Holčík, J. et al. Nové kapitoly ze sociálního lékařství a veřejného zdravotnictví. Praha: Karolinum UK, 2017. 203 s. ISBN 978-80-246-3809-6.
Křížová, E. SOS Sociologie pro pomáhající profese. Praha: Karolinum. 2017. 174 s. ISBN 978-80-2463-650-4.
Rodina a sociálna pomoc. Available on: https://www.employment.gov.sk/sk/rodina-socialna-pomoc/.
Slovenská sociologická spoločnosť pri SAV. Sekcia sociológie zdravotníctva – zborníky. Available on: http://www.sociologia.eu.sk/?p=308.
Slovenský pacient. Available on: https://www.slovenskypacient.sk/.
Sociálne poistenie a dôchodkový systém. Available on: https://www.employment.gov.sk/sk/socialne-poistenie-dochodkovy-system/.
Sociologická encyklopédie. Available on: https://encyklopedie.soc.cas.cz/w/Hlavn%C3%AD_strana.
Sociologický slovník. Available on: http://mmmax.szm.com/sociologslovnik.pdf.
Zákon č. 448/2008 Z.z. o sociálnych službách. Aktuálne znenie 01.01.2022. Available on: https://www.zakonypreludi.sk/zz/2008-448.
Zdravotní gramotnost. Available on: http://zdravotnigramotnost.cz/.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 293

A	ABS0	B	C	D	E	FX
44,71	0,0	40,96	11,6	2,05	0,68	0,0

Lecturers: PhDr. Jana Nemcová, PhD., doc. Mgr. Martina Tomagová, PhD., Mgr. Martina Nebošková, PhD., Mgr. Lucia Podolinská, PhD.

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-008/26	Summer Practice (1)

Educational activities:
Type of activities: practice
Number of hours:
per week: **per level/semester:** 240s
Form of the course: on-site learning

Number of credits: 3

Recommended semester: 2.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-010/22 - Nursing Techniques (1) and JLF.ÚO/J-1-OS-011/26 - Nursing Techniques (2)

Recommended prerequisites:
Nursing techniques 1, Needs of the patient and the Nursing process 1

Course requirements:
CPO (40 hours)
- seminar work focusing on the nursing documentation from surgical/internistic disciplines
- educational plan from the community facility
The conditions for evaluation the course (ABS0):
- participation in continuous practice according to the criteria set out in the Book of Clinical nursing practice: confirmations - assignment letter to a specific workplace, completion of occupational health and safety, record of arrivals and departures at the workplace,
- a completed list of prescribed practical activities,
- nursing documentation from surgical / internistic disciplines
- educational plan from the community facility
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
By completing the subject, the student will be able to apply knowledge from theoretical, clinical, nursing and humanities disciplines in the conditions of nursing practice. The student will be able to implement basic and special nursing techniques when providing individualized nursing care to patients with selected diseases and conditions in the surgical and internal medicine disciplines. The student will be able to implement knowledge related to competent, safe, and ethically appropriate care, emphasizing the application of best practice principles and evidence-based nursing. The student will apply professional, legislative principles and regulations, standards relevant to the practice of clinical practice and will implement the nursing process. The student will demonstrate skills in standardized critical incident communication using the SBAR method. The student will be able to engage in the nursing unit, participate in ensuring continuity of nursing care in the context of primary, secondary and follow-up care, positively influencing the patient's health behaviors for active participation in protecting, promoting and restoring their own health. The student will demonstrate knowledge of technical innovations related to health and nursing care methods.

Class syllabus:

Providing of individualized nursing care by nursing process method at selected clinical workplaces (surgical / internal medicine disciplines, psychiatric departments).
Performing basic and special nursing techniques.
Maintaining medical records within the scope of nursing care.
Educating patients and their relatives.
Technical innovations related to medical and nursing care methods.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://e-meracienastroje.jfmed.uniba.sk
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: http://oschir.jfmed.uniba.sk
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických rán. 1. vyd. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.
Kachlová, M., Kučová, J. Petrášová, V. Ošetřovatelská péče v neonatologii. Praha: Grada, 2022.
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.
Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY
MZ SR – schválené nové a inovované štandardné klinické postupy v zdravotníctve. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.
Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada, 2008.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych

disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=440
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 0

ABS0	M
0,0	0,0

Lecturers: Mgr. Radka Kurucová, PhD.

Last change: 23.06.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-028/22	Summer Practice (2)

Educational activities:
Type of activities: practice
Number of hours:
per week: **per level/semester:** 240s
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-063/22 - Nursing Techniques (3)

Course requirements:
CS (10 hours) study of literature.
CPO (40 hours) draw up a nursing care plan in patient from surgery / internal medicine disciplines / departments and psychiatric units.
Student Portfolio - student final (exit) assessment (communication skills, teamwork, attendance, grooming, hygiene and epidemiology, practical skills and theoretical knowledge, ethical standards). Assignment sheet, Occupational Health and Safety (OHS) completion certificate, Record of arrivals and departures to the workplace.
Recorded performances in the Nursing Performance List.
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
By completing the subject, the student will be able to apply knowledge from theoretical, clinical, nursing and humanities disciplines in the conditions of nursing practice. The student will be able to implement basic and special nursing techniques when providing individualized nursing care to patients with selected diseases and conditions in the surgical and internal medicine disciplines. The student will be able to implement knowledge related to competent, safe, and ethically appropriate care, emphasizing the application of best practice principles and evidence-based nursing. The student will apply professional, legislative principles and regulations, standards relevant to the practice of clinical practice and will implement the nursing process. The student will demonstrate skills in standardized critical incident communication using the SBAR method. The student will be able to engage in the nursing unit, participate in ensuring continuity of nursing care in the context of primary, secondary and follow-up care, positively influencing the patient's health behaviors for active participation in protecting, promoting and restoring their own health. The student will demonstrate knowledge of technical innovations related to health and nursing care methods.

Class syllabus:
Providing of individualized nursing care by nursing process method at selected clinical workplaces (surgical / internal medicine disciplines, psychiatric departments).
Performing basic and special nursing techniques.
Maintaining medical records within the scope of nursing care.

Educating patients and their relatives.
Standardized communication of critical events using the SBAR method.
Technical innovations related to medical and nursing care methods.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://e-meracienastroje.jfmed.uniba.sk.

Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.

Gurková E., Zeleníková, R. Klinické prostředí v přípravě sester, organizace, strategie, hodnocení. 1. vyd. Praha : Grada, 2017. 128 s.

Hanáček, J., Mokrý, J. a kol. Trendy v medicínskom vzdelávaní a hodnotení jeho výsledkov. Martin : Osveta, 2018. 255 s.

Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.

Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.

Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Dostupné na: https:// portal.jfmed.uniba.sk//clanky.php?aid=466.

Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: http://oschir.jfmed.uniba.sk.

Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických rán. 1. vyd. Praha: Grada, 2019.

Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.

Kachlová, M., Kučová, J. Petrášová, V. Ošetřovatelská péče v neonatologii. Praha: Grada, 2022.

Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https: // portal.jfmed.uniba.sk//clanky.php?aid=430.

Kozierová, B., Erbová, G., Olivierová, R. Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.

Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.

Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY.

MZ SR – schválené nové a inovované štandardné klinické postupy v zdravotníctve. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve.

NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.

ANDA International. Nursing Diagnoses: Definitions & Classification 2021-2023. 12th Ed. Thieme Publishers, 2021. 587 p.

Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.

Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.

Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada, 2008.

Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.

Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=440.
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz.
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 178

ABS0	M
99,44	0,56

Lecturers: Mgr. Michaela Miertová, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-023/22	Surgery and Nursing (1)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 4 / 3 **per level/semester:** 56 / 42
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites: JLF.ÚPF/J-1-OS-014/22 - Pathological Anatomy and Pathological Physiology and JLF.KAIM/J-1-OS-021/22 - First Aid and JLF.ÚO/J-1-OS-016/15 - Patient s Needs and Nursing Process (2)

Course requirements:
CS (30 hours) study of literature.
CPO (45 hours) processing of selected problems from general surgery from a nursing perspective according to the latest recommendations of nursing research and evidence-based nursing practice (EBP-Evidence Based Practice, EBN - Evidence Based Nursing), presentation. The evaluation of students takes place in the form of a written knowledge test and evaluation of the written elaboration of checked practical outcomes.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 50/50

Learning outcomes:
After completion of the subject, the student will demonstrate knowledge in the mechanism of formation, development, symptomatology, clinical features, diagnosis, therapeutic and nursing procedures of acute and chronic wounds, fractures and degenerative musculoskeletal diseases, burns, burns, shock, cancer, breast cancer and urological disorders. On the basis of an independent nursing assessment, he/she is able to identify the nursing problems of the surgical patient, determine the priority nursing interventions in the acute and planned admission of the patient, justify the planned interventions. The knowledge acquired from lectures and practical exercises can be applied to the solution of nursing problems in selected, most common diseases, injuries, emergencies in general surgery in the natural conditions of clinical practice as well as on model situations created using case studies (adult, senior, polymorbid patient, patient with diabetes in surgery). The student will demonstrate skills in the field of patient education and preparation for invasive diagnostic and therapeutic procedures, and will be able to provide and ensure nursing care during and after the procedure.
The graduate of the course is able to work with the method of the nursing process, to implement specific nursing interventions in the perioperative period with a focus on the prevention of postoperative complications (in multi-day surgery, in one-day surgery, in mini-invasive surgery and

robotic surgery) and demonstrates knowledge of technical innovations related to health and nursing care methods in surgical disciplines. The graduate of the course is able to synthesize knowledge from medical, nursing and humanities with emphasis on clinical condition, diagnostic, therapeutic and preventive measures in terms of early recovery of the patient in general surgery. The graduate of the course can communicate in the medical team using the SBAR method.

Class syllabus:

Introduction to surgery - definition of the field, history of surgery and the concept of surgery.

Principles of surgical treatment. Surgical approaches to body cavities. Basics of minimally invasive and robotic surgery. New medical/surgical procedures and nursing techniques in surgical disciplines.

Wounds, healing of individual structures. Factors influencing wound healing. Principles of treatment of aseptic and septic lesions of the skin cover. Surgical wound treatment. Prevention of wound infection. Nursing care of a patient with a wound. Support the wound healing process.

Fractures and injuries of joints. Nursing care of a patient with a fracture and other injuries of the musculoskeletal system. Walking training on auxiliary crutch.

Burns, burn shock. Nursing care of a patient with burns.

Perioperative nursing care including providing information and patient education. Education and preparation of the patient for invasive diagnostic and therapeutic procedures, provision and provision of nursing care during the procedure and after completion.

Local and general anesthesia. The role of the nurse in local and general anesthesia. Intraoperative nursing care. Intensive nursing care in surgery. Chronic pain. Shock.

Infection in surgery. Nosocomial infections. Entrance hygiene filter and physical examination of the person, collection of anamnestic data in case of suspected infectious disease.

Antibiotics and chemotherapeutics in surgery. Minimization of the risk of surgical wound infection by nursing interventions. Preparation of the operating field. Nursing care of a patient with an infection in surgery.

Postoperative complications. Minimization of the risk of postoperative complications by nursing interventions. Nursing care of a patient with postoperative complications.

Clinical symptomatology and principles of cancer diagnosis. Basic characteristics of surgical procedures in the treatment of tumours and their metastases. Nursing care of a patient with cancer in surgery. Stoma, indication and principles of comprehensive care. Standard of care for patients with intestinal stoma complications.

Inflammatory and tumour diseases of the mammary gland. Nursing care for patients with benign and malignant breast diseases.

Gerontological patient in surgery. Multimorbidity. Nursing care of gerontological and multimorbid patients in surgery.

Patient with diabetes mellitus in surgery. Complications of diabetes mellitus in surgery. Nursing care for diabetics in the perioperative period. Diabetic foot. Nursing care of a patient with diabetic foot syndrome.

Urological diseases, inflammatory and cancer diseases. Nursing care of patients with benign and malignant diseases in urology.

Degenerative diseases of the musculoskeletal system. Perioperative care of a patient with degenerative musculoskeletal disease (TEP).

Plastic surgery, reconstruction of birth defects, corrective and aesthetic operations.

Transplant and donor program in surgery. The role of the nurse in the donor and transplant program.

Ethical aspects and safety of nurse's work in surgery.

Recommended literature:

Bartůněk, P., Jurásková, D., Heczková, J., Nalos, D. (eds). Vybrané kapitoly z intenzivní péče. Praha: Grada, 2016.
Čoupková, H. et al. Ošetřovatelství v chirurgii I. Praha: Grada, 2019.
Ferko, A., Šubrt, Z., Dědek, T. et al. Chirurgie v kostce. 2. dopl. a přepr. vyd. Praha: Grada, 2015. Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. ISSN 1337-7396. [cit. 2025-07-01]. Dostupné z: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2014. ISBN 978-80-89544-72-1. [cit. 2022-01-13] Available on: http://oschir.jfmed.uniba.sk
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických ran. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. Martin: Osveta, 2015.
Hlinková, E. Perioperační péče o pacienta s diabetes mellitus. In Nemcová, J., Hlinková, E. (eds). Diabetes mellitus. Management ošetřovatelské péče. Praha: Grada, 2024. s. 110–126.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 2022-01-13]. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=430. ISSN 1337-7396.
Libová, Ľ., Balková, H., Jankechová, M. Ošetrovateľský proces v chirurgii. Praha: Grada, 2019.
Libová, Ľ. Ošetrovateľstvo v chirurgii. Hodnotiace a meracie nástroje. Martin: Osveta, 2020.
Siman, J. et al. Princípy chirurgie. Bratislava: SAP, 2007.
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz.
Wichsová, J., Přikryl, P., Pokorná, R., Bittnerová, Z. Sestra a perioperační péče. Praha: Grada, 2013.
Wischová, J. Bezpečnost a etika v perioperační péči. Praha: Grada, 2020.
Zeman, M., Krška, Z. a kol. 2011. Chirurgická propedeutika. 3. prepracované a doplnené vydanie. Praha: Grada, 2011.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 182

A	ABS0	B	C	D	E	FX
22,53	0,0	51,1	21,98	3,3	0,55	0,55

Lecturers: doc. MUDr. Juraj Miklušica, PhD., Mgr. Edita Hlinková, PhD., MUDr. Ivana Daňová, PhD., MUDr. Anton Mikolajčík, PhD., doc. MUDr. Marek Smolár, PhD., MPH, MUDr. Blažej Palkoci, PhD., MUDr. Marek Adámik, PhD., MUDr. Michal Hošala, PhD., MUDr. Peter Mikolajčík, PhD., MUDr. Zuzana Biringerová, PhD., MUDr. Róbert Dušenka, PhD., MBA, Mgr. Jana Rónová

Last change: 14.10.2025
Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-024/22	Surgery and Nursing (2)

Educational activities:
Type of activities: practicals / lecture
Number of hours:
per week: 4 / 3 **per level/semester:** 56 / 42
Form of the course: on-site learning

Number of credits: 6

Recommended semester: 4.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-023/22 - Surgery and Nursing (1)

Course requirements:
CS (36 hours) study of literature.
CPO (35 hours) development of a nursing care plan, including an educational plan for a selected surgical disease from special surgery, according to the latest recommendations of nursing research and evidence-based nursing practice (EBP-Evidence-Based Practice, EBN - Evidence Based Nursing), presentation.
The evaluation of students takes place in the form of a written knowledge test and evaluation of the written elaboration of checked practical outcomes.
Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX: 59% and less.
Scale of assessment (preliminary/final): 40/60

Learning outcomes:
By completing the course the student will demonstrate knowledge of the mechanism of onset, development, symptomatology, clinical picture, diagnosis, therapeutic and nursing procedures in selected, most common diseases, injuries, emergencies and birth defects in special surgery: diseases of the gastrointestinal tract, hepato-pancreas tract, surgical diseases of the intrathoracic organs, surgical diseases of the arterial and venous system, diseases of the CNS and peripheral nerves, diseases of the head, neck and ENT, eye diseases, diseases in maxillofacial surgery, pediatric surgery. On the basis of an independent nursing assessment, he / she is able to identify the nursing problems of the surgical patient, determine the priority nursing interventions in the acute and planned admission of the patient, justify the planned interventions. The knowledge from lectures, seminars and practicals can be applied to the solution of nursing problems in selected, most common diseases, injuries (including polytrauma), emergencies in special surgery in natural clinical practice as well as on model situations created using case studies. The graduate of the course is able to work by the method of the nursing process, to implement specific nursing interventions in the perioperative period with a focus on the prevention of postoperative complications (in multi- day surgery, in one-day surgery, in mini-invasive and robotic surgery) and demonstrates knowledge of technical innovations related to health and nursing care methods in special surgery. The graduate of the course is able to synthesize knowledge from medical, nursing and humanities disciplines

with emphasis on clinical condition, diagnostic, therapeutic and preventive measures in terms of early recovery of the patient in special surgery. Can apply theoretical knowledge of clinical psychology, medical ethics and nursing ethics. The student will demonstrate skills in the field of patient education and preparation for invasive diagnostic and therapeutic procedures, and will be able to provide and ensure nursing care during and after the procedure. The graduate of the course is able to prepare educational plans and implement education for the surgical patient in the perioperative period with the involvement of the patient and support persons. The graduate of the course can communicate in the medical team using the SBAR methos.

Class syllabus:

New medical/surgical procedures and nursing techniques in special surgery. Providing information and educating the patient in the perioperative period in special surgery. Educating and preparing the patient for selected invasive diagnostic and therapeutic procedures, providing and ensuring nursing care during the procedure and after completion in special surgery.

Clinical nutrition in surgery. Indicated basic diet for planned admission of the patient to surgery. Nutritional requirements in postoperative care. Perioperative fluid management. Standard postoperative nutrition protocols. Nursing care of a surgical patient with malnutrition, with postoperative nutritional jejunostomy.

Benign and malignant surgical diseases of the oesophagus, stomach and duodenum. Perioperative nursing care for a surgical patient with oesophageal, gastric and duodenal diseases. Benign and malignant surgical diseases of the small, large intestine and rectum. Perioperative nursing care of a surgical patient with a disease of the small intestine, colon and rectum. Benign and malignant surgical diseases of the liver, gallbladder, biliary tract and pancreas. Perioperative nursing care for a surgical patient with diseases of the liver, gallbladder, biliary tract and pancreas. Diseases of the anterior abdominal wall, hernia. Perioperative nursing care of a patient with hernia. Acute abdomen management, bleeding from the digestive tract. Perioperative nursing care for a patient with acute abdomen and bleeding.

Particular features on pediatric surgery. The most common surgical diseases in the neonatal and pediatric period. Acute abdomen in children.

Surgical diseases of the aorta and peripheral arteries. Perioperative nursing care of a patient with aortic and peripheral artery disease. Surgical diseases of the venous system. Perioperative nursing care of a patient with a disease of the venous system.

Benign and malignant surgical lung diseases. Acquired heart disease. Surgical treatment options. Perioperative nursing care in thoracic surgery and cardiac surgery.

Congenital and acquired benign and malignant diseases in ENT and head and neck surgery. Perioperative nursing care in head, neck and ENT surgery.

Traumatology of the CNS and peripheral nerves. Surgical diseases of the brain and spinal cord. Perioperative nursing care in neurosurgery.

Polytrauma, its characteristics. Traumatology of the chest, intra-thoracic and intra-abdominal organs. Nursing care of patients with polytrauma.

Benign and malignant diseases in dentistry and maxillofacial surgery. Perioperative nursing care in maxillofacial surgery.

Benign and malignant eye diseases. Perioperative nursing care in ophthalmic surgery.

Recommended literature:

Bartůněk, P., Jurásková, D., Heczková, J., Nalos, D. (eds). Vybrané kapitoly z intenzivní péče. Praha: Grada, 2016.

Ferko, A., Šubrt, Z., Dědek, T. a kol. Chirurgie v kostce. 2. dopl. a přepr. vyd. Praha: Grada, 2015.

Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. ISSN 1337-7396. [cit. 2025-07-01]. Dostupné z: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2014. ISBN 978-80-89544-72-1. [cit. 2022-01-13] Available on: http://oschir.jfmed.uniba.sk
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických ran. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. Martin: Osveta, 2015.
Hoch, J., Lefler, J. Speciální chirurgie. Praha: Maxdorf, 2011.
Janíková, E., Zeleníková, R. Ošetřovatelská péče v chirurgii. Praha: Grada, 2013.
Hlinková, E. Perioperační péče o pacienta s diabetes mellitus. In Nemcová, J., Hlinková, E. (eds). Diabetes mellitus. Management ošetřovatelské péče. Praha: Grada, 2024. s. 110–126.
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 2022-01-13]. Available on: https://portal.jfmed.uniba.sk//clanky.php?aid=430. ISSN 1337-7396.
Libová, Ľ., Balková, H., Jankechová, M. Ošetrovateľský proces v chirurgii. Praha: Grada, 2019.
Libová, Ľ. Ošetrovateľstvo v chirurgii. Hodnotiace a meracie nástroje. Martin: Osveta, 2020.
Pafko, P. et al. 2008. Základy speciální chirurgie. Praha: Galén, 2008.
Slezáková, L. et al. Ošetřovatelství v chirurgii II. 2. preřacované a doplnené vyd. Praha: Grada, 2021.
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz.
Zeman, M., Krška, Z. Špeciálna chirurgia - 3. doplnené a prepracované vydanie. Praha: Galén, 2014.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 179

A	ABS0	B	C	D	E	FX
46,93	0,0	21,79	19,55	6,15	3,35	2,23

Lecturers: doc. MUDr. Juraj Miklušica, PhD., Mgr. Edita Hlinková, PhD., MUDr. Ivana Daňová, PhD., MUDr. Anton Mikolajčík, PhD., MUDr. Romana Richterová, PhD., MUDr. Juraj Halička, PhD., MUDr. Igor Malachovský, PhD., MUDr. Michal Hošala, PhD., MUDr. Marek Adámik, PhD., MUDr. Peter Mikolajčík, PhD., MUDr. Blažej Palkoci, PhD., MUDr. Michaela Matejová, PhD., Mgr. Jana Rónová

Last change: 14.10.2025

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, 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-OS-047/17	Winter Practice

Educational activities:
Type of activities: practice
Number of hours:
per week: **per level/semester:** 240s
Form of the course: on-site learning

Number of credits: 5

Recommended semester: 5.

Educational level: I.

Prerequisites: JLF.ÚO/J-1-OS-041/22 - Nursing Practice (2)

Course requirements:
CPO (40 hours) – development of a nursing care plan for a patient from surgical/internal medicine disciplines or pediatric departments.
Student portfolio - student´s final assessment (communication skills, teamwork, attendance, preparation, hygiene and epidemiological regime, practical skills and theoretical knowledge, ethical standards).
Allocation sheet, confirmation about safety regulations, Record of arrivals and departures to/from workplace,
Recorded performances in the List of nursing performances
Scale of assessment (preliminary/final): 0/100

Learning outcomes:
By completing the course, the student can apply the knowledge from theoretical, clinical, nursing, and humanistic disciplines in the conditions of nursing practice. When providing individual nursing care to patients with selected diseases and conditions in surgical and internal medicine disciplines, the student is able to implement basic and special nursing techniques. The student can implement knowledge related to competent, ethically adequate care, with an emphasis on applying the principles of best practice and evidence-based nursing. The student will be able to apply professional, legislative principles and regulations, and standards important for the performance of clinical practice. The student will apply the nursing process. The student will demonstrate skills in standardized communication of critical events using the SBAR method. The student will be able to participate in the work on the nursing unit, participate in ensuring the continuity of nursing care in the context of primary, secondary, and follow-up health care, and positively influence the patient's health behavior for active participation in the protection, support, and restoration of their health. The student will demonstrate knowledge of technical innovations related to methods of health and nursing care.

Class syllabus:
Providing individualized nursing care using the nursing process method in selected clinical settings (surgical / internal medicine / pediatric settings).
Performing basic and special nursing techniques.

Maintaining medical records within the scope of nursing care.
Educating patients and their relatives.
Standardized communication of critical events using the SBAR method.
Technical innovations related to health and nursing care methods.

Recommended literature:

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://e-meracienastroje.jfmed.uniba.sk
Gurková, E., Žiaková, K., Čáp, J. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.
Herdman, T. H., Kamitsuru, S., Lopes, C. T. (eds). Nursing diagnoses. Definition and Classification 2024-2026. 13-th ed. New York: Thieme, 2024.
Hulková, V. Štandardizácia v ošetrovateľstve. Praha: Grada, 2016.
Hlinková, E. Všeobecná chirurgia a ošetrovateľstvo – vybrané kapitoly 1. [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2022. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=466.
Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovateľské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: http://oschir.jfmed.uniba.sk
Hlinková, E., Nemcová, J., Huľo, E. et al. Management chronických rán. 1. vyd. Praha: Grada, 2019.
Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015.
Kachlová, M., Kučová, J. Petrášová, V. Ošetřovatelská péče v neonatologii. Praha: Grada, 2022.
Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovateľstve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=430
Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1., 2. 1. vyd. Martin: Osveta, 1995.
Lacko, A., Novysedláková, M. et al. Vnútorné lekárstvo a ošetrovateľská starostlivosť vo vnútornom lekárstve pre nelekárske zdravotnícke odbory. Martin: Osveta, 2018.
Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. Dostupné na: https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?&locale=SKY
MZ SR – schválené nové a inovované štandardné klinické postupy v zdravotníctve. [online]. Dostupné na: https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve
NANDA International. Ošetřovatelské diagnózy: Definice a klasifikace 2018-2020. 11. vyd. Praha: Grada, 2020.
Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.
Petr, T., Marková, E. et al. Ošetřovatelství v psychiatrii. 1. vyd. Praha: Grada, 2014.
Sedlářová, P. et al. Základní ošetřovatelská péče v pediatrii. Praha: Grada, 2008.
Tomagová, M., Bóriková, I. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.
Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika – prepojenie teórie a klinickej ošetrovateľskej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Dostupné na: https://portal.jfmed.uniba.sk//clanky.php?aid=440
Vyhláška MZ SR č. 208/2024 Z. z. z 15. júla 2025, ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom

a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne, samostatne na základe indikácie lekára a v spolupráci s lekárom.
Vyhláška č. 306/2005 Z. z. Ministerstva zdravotníctva Slovenskej republiky, ktorou sa ustanovuje zoznam sesterských diagnóz
Zákon č. 362/2011 Z. z. Zákon o liekoch a zdravotníckych pomôckach a o zmene a doplnení niektorých zákonov.

Languages necessary to complete the course:
Slovak language

Notes:

Past grade distribution
Total number of evaluated students: 233

ABS0	M
100,0	0,0

Lecturers: Mgr. Anna Ovšonková, PhD.

Last change: 28.08.2026

Approved by: doc. Mgr. Ivana Bóriková, PhD., prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Martina Tomagová, PhD.