

# Course descriptions

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## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚA/J-1-OS-001/22	<b>Course title:</b> Anatomy and Physiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100% participation in practicals, at least 60% success rate on written tests (subjects – anatomy, physiology). Mark: A: 95–100 %, B: 88–94 %, C: 77–87 %, D: 66–76 %, E: 60–65 %, FX: 59 % and less. Scale of assessment (preliminary/final): 5/95	
<b>Learning outcomes:</b> ANATOMY: The graduate of Anatomy understand principles of human body, its parts and organs construction up to such details, that the gathered knowledge is permanent and becomes a base for understanding of physiological and pathological processes and changes. His knowledge should enable him to be an adequate partner for physicians in the process of health care. PHYSIOLOGY: The Physiology aim is to acquire basic knowledge about physiological functions of the human organs and systems, and about the relations between physiological systems. The emphasis is on the physiological mechanisms understanding in complex form for clinical practice. Practical application of knowledge from Physiology extends skills of the student (e.g. blood taking, blood analysis), which is necessary for understanding of human physiology and direct clinical application.	
<b>Class syllabus:</b> ANATOMY: Heart. Arterial and venous system, blood circulation. Respiratory system. Digestive system. Urinary system. The male reproductive system. Female reproductive system. Lymphatic system. Central nervous system. Spinal cord. Spinal nerves. Oblongata, pons, midbrain. Cranial nerves. Diencephalon. Sensory pathways. Basal ganglia. Motor pathways - pyramidal, extrapyramidal tracts. Visual organ. The organ of hearing. Autonomic nervous system. Vertebrae. Skull. Respiratory system. Heart. Urogenital system. Nervous system - hemispheres. Skeleton of upper and lower limbs. Muscular system - muscles of the head, neck, trunk and extremities. PHYSIOLOGY: Physiology of blood (erythrocytes, leukocytes, trombocytes, haemocoagulation, blood groups, blood transfusion, basic blood examinations). Physiology of cardiovascular system (Physiology of the heart and vessels, basic clinical methods). Physiology of respiratory system (ventilation, mechanics of breathing, artificial ventilation, basic clinical methods). Physiology of gastrointestinal tract, metabolism and nutrition. Physiology of kidneys. Physiology of muscles.	

Thermoregulation. Physiology of nervous system, reflexes, pain, sleep, memory. Physiology of sensory organs, examination methods. Physiology of endocrine system.

**Recommended literature:**

**ANATOMY:**

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

**PHYSIOLOGY:**

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

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

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

**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. MUDr. Yvetta Mellová, CSc., RNDr. Magdaléna Marčeková, PhD., prof. MUDr. Andrea Čalkovská, DrSc., prof. MUDr. Ingrid Tonhajzerová, PhD., prof. MUDr. Daniela Mokrá, PhD., Ing. Zuzana Višňovcová, PhD.

**Last change:** 30.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-CJ4/22	<b>Course title:</b> Basics of English Language (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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%	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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:** PhDr. Božena Džuganová, PhD., Mgr. Desana Kiselová, Mgr. Nora Malinovská, PhD., PhDr. Katarína Murčeková

**Last change:** 21.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-CJ5/22	<b>Course title:</b> Basics of English Language 2
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Basics of English language 1	
<b>Course requirements:</b> 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%	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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	

<p>Hotel services, at the reception, expressing satisfaction, complaints, adverbs, hours, phrases</p> <p>9. In the hotel</p> <p>Hotel services, at the reception, expressing satisfaction, complaints, adverbs, hours, phrases</p> <p>10. Let</p> <p>At the airport, on the plane, modal verbs, irregular verbs</p> <p>11. Bank</p> <p>Banking services, requesting assistance in monetary transactions, expressing the future after time and conditional conjugations</p> <p>12. Order</p> <p>Creation and confirmation of the order, complaint, order return, delivery problems, infinitive, gerund</p> <p>13. Multiculturalism</p> <p>Customs and customs, holidays, traditions, word formation, irregular verbs</p> <p>14. Oral exam – presentation of a chosen topic</p>														
<p><b>Recommended literature:</b></p> <p>Breveníková, D. – Šajgalíková, H. – Laskovičova, T.: Angličtina pre samoukov a pre jazykové kurzy. Bratislava : Aktuell, 2020, 320 s.</p>														
<p><b>Languages necessary to complete the course:</b></p> <p>English language</p>														
<p><b>Notes:</b></p> <p>To start the classes of Basics of English language, the minimum required number of attending students is 5.</p>														
<p><b>Past grade distribution</b></p> <p>Total number of evaluated students: 0</p> <table border="1"> <thead> <tr> <th>A</th> <th>ABS0</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> </tr> </tbody> </table>	A	ABS0	B	C	D	E	FX	0,0	0,0	0,0	0,0	0,0	0,0	0,0
A	ABS0	B	C	D	E	FX								
0,0	0,0	0,0	0,0	0,0	0,0	0,0								
<p><b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Desana Kiselová, Mgr. Nora Malinovská, PhD., PhDr. Katarína Murčeková</p>														
<p><b>Last change:</b> 21.03.2022</p>														
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>														



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-CJ6/22	<b>Course title:</b> Basics of German Language (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b>	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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%	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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.	

<p>11. – 12. Familienleben. Sprechsituationen: über die Familie sprechen, das Datum sagen/ schreiben, Grammatik: Possessivartikel: mein-, dein-, sein-, ...</p> <p>13. Wann bist du geboren? Sprechsituationen: über Geburtstage sprechen, über Vergangenes sprechen, Grammatik: Ordinalzahlen und Datum, Präteritum von sein und haben</p> <p>14. Examen</p>						
<p><b>Recommended literature:</b> 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.</p>						
<p><b>Languages necessary to complete the course:</b> German language</p>						
<p><b>Notes:</b> To start the classes of Basics of German language, the minimum required number of attending students is 5.</p>						
<p><b>Past grade distribution</b> Total number of evaluated students: 0</p>						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<p><b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD.</p>						
<p><b>Last change:</b> 21.03.2022</p>						
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-CJ7/22	<b>Course title:</b> Basics of German Language 2
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b>	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Basics of German language 1	
<b>Course requirements:</b> 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%	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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						
<b>Recommended literature:</b> 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.						
<b>Languages necessary to complete the course:</b> German language						
<b>Notes:</b> To start the classes of Basics of German language, the minimum required number of attending students is 5.						
<b>Past grade distribution</b> Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD.						
<b>Last change:</b> 21.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBch/J-1-OS-051/18	<b>Course title:</b> Biochemistry
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Assessment of students is in the form of an exam, minimum success rate: 60%. Rating: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, FX: 59% and less	
<b>Learning outcomes:</b> At the end of the course students should acquire basic information about the course of processes in metabolism of substances not only in a healthy human organism but also in the body of patients, understanding the nature and mechanisms of changes, understanding biochemical parameters coming from clinical-biochemical laboratories.	
<b>Class syllabus:</b> Organization and chemical composition of organisms - cell structure, chemical composition of cell - organic, inorganic substances, enzymes and coenzymes). Intermediate metabolism - characteristics of metabolic processes, basics of bioenergetics. biological oxidation, metabolism of carbohydrates, lipids, amino acids, nucleotides, tetrapyrroles. Genetic information - replication, transcription, translation. Basics of metabolic regulation Biochemistry of the gastrointestinal tract - oral cavity, stomach, pancreas, bile, small intestine, large intestine. Liver biochemistry. Kidney biochemistry. Biochemistry of the nervous system - structure, metabolism, principles of nerve transmission, vegetative nervous system. Biochemistry of the endocrine system acid-base balance Blood plasma proteins Preparation of biological material for biochemical examination. Biochemical composition of living systems and its importance for metabolism and clinical-biochemical diagnostics. Possibilities of determination of analytes, pH and minerals in biological fluids (blood, urine, cerebrospinal fluid ...) Glucose testing. Diabetes mellitus and its laboratory diagnostics, glycosylated hemoglobin, ketone bodies. Examination of lipid profile. Atherosclerosis and its laboratory diagnostics.	

<p>Examination of protein and non-protein nitrogenous substances. Urine examination for the presence of physiological and pathological components (glucose, proteins, ketone bodies, urobilinogen).  Jaundice and its laboratory diagnostics  Examination of minerals and acid-base balance parameters. Enzymes in clinical-biochemical diagnostics</p>						
<p><b>Recommended literature:</b>  V. Turecký, V. Rendeková, A. Czirfusz: Lekárska biochémia pre poslucháčov nelekárskych smerov. Asklepios Bratislava, 2008. 86 s (skriptá)  Ivan Pecháň, Gustáv Kováč: Prehľad biochémie človeka II. VEDA Bratislava 2003, 197s.</p>						
<p><b>Languages necessary to complete the course:</b>  Slovak language</p>						
<p><b>Notes:</b></p>						
<p><b>Past grade distribution</b>  Total number of evaluated students: 145</p>						
A	ABS0	B	C	D	E	FX
4,83	0,0	16,55	19,31	23,45	33,79	2,07
<p><b>Lecturers:</b> prof. MUDr. Dušan Dobrota, CSc., doc. RNDr. Tatiana Matáková, PhD.</p>						
<p><b>Last change:</b> 24.03.2022</p>						
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBf/J-1-OS-052/18	<b>Course title:</b> Biophysics and Radiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> Basic characteristics of the principles of biophysical process in the organism. Biophysical principles of diagnostics methods and therapeutic methods by ionizing and nonionizing radiation in medicine and nursing basic principles of protection counter ionizing radiation (limits, effective dose and personal dosimetry)	
<b>Course requirements:</b> Continuous assessment at practical sessions and seminars, final credit test.	
<b>Learning outcomes:</b> After completion of the subject 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 therapeutic methods. They know the principles of health protection against ionizing radiation and the basics of dosimetry	
<b>Class syllabus:</b> -Cell membrane structure and function. Transport mechanisms. Resting membrane potential. -Action potential, origin, spread. Synaptic transmission. -Biophysics of muscle contraction. -Biophysics of respiration. -Biophysics of blood circulation. -Biophysics of sound perception and light signals. -Interaction of mechanical and meteorological factors with living systems. -Properties and biological effects of ionizing and non-ionizing radiation. -Biophysical principles of modern imaging diagnostic and therapeutic methods using ionizing and non-ionizing radiation in medical and nursing practice.	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	

<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 92						
A	ABS0	B	C	D	E	FX
10,87	0,0	19,57	21,74	40,22	7,61	0,0
<b>Lecturers:</b> prof. MUDr. Ján Jakuš, DrSc., Ing. Jakub Míšek, PhD., prof. RNDr. Ivan Poliaček, PhD., doc. RNDr. Michal Šimera, PhD., Ing. Marcel Veterník, PhD., Mgr. Nadežda Višňovcová, PhD.						
<b>Last change:</b> 15.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-026/22	<b>Course title:</b> Clinical Propedeutics
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-OS-001/22 - Anatomy and Physiology	
<b>Course requirements:</b> CS (20 hours) study of literature and preparation for the test. CPO (10 hours) anamnesis collection, recording of anamnestic data, physical examination and recording of physical examination findings. 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. Overall 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	
<b>Learning outcomes:</b> By completing the course, the student can apply theoretical knowledge to take anamnesis and assess the overall condition of the patient. Can implement procedures of physical examination of individual systems. Subsequently, he is able to evaluate the anamnestic data and symptomatology of the disease and can assess the patient's condition with a focus on identifying cases requiring urgent medical and nursing intervention. The student will demonstrate knowledge of functional, imaging, endoscopic examination methods and punctures, the preparation of the patient for the given examinations, care during and after the examination. The student can apply the basic practical skills in clinical propedeutic in clinical work and understand the need for interdisciplinary and multidisciplinary teamwork. In order to streamline and standardize the communication of (critical) events in clinical nursing practice, the student can use the structured method of SBAR communication.	
<b>Class syllabus:</b> Anamnesis, methodology and data entry. Physical examination of the patient, methodology of physical examination methods and recording of findings from the physical examination. General examination of the patient (status praesens generalis) and recording of findings from the overall examination. Examination of the cardiovascular system, assessment and analysis of subjective and objective symptoms (chest pain, shortness of breath, oedema, fatigue, palpitations, syncope, claudication, rest pain), another anamnesis. Basic principles of ECG recording evaluation. Clinical and functional examination methods of the vascular system. Examination of the respiratory system, assessment and analysis of subjective and objective symptoms (shortness of breath, cough, expectoration, wheezing, stridor, chest pain, drowsiness),	

another anamnesis. Functional examination methods. Abdominal examination, assessment and analysis of subjective and objective symptoms (swallowing symptoms, nausea and vomiting, abdominal pain, constipation, diarrhoea, rectal bleeding, melena, generalized abdominal enlargement, jaundice and pruritus, appetite and weight). Examination of the uropoetic system, symptoms of the lower bladder, other anamnesis. Renal function tests. Examination of the patient's neurological condition, assessment and analysis of subjective and objective symptoms (dizziness, headache, numbness and weakness, tremor, syncope, convulsions, visual symptoms), another anamnesis. Examination of the eyes, ears, nose and neck, assessment and analysis of subjective and objective symptoms: eyes (redness, diplopia, vision loss, colour vision disorder, other anamnesis), ears (otalgia, otorrhea, dizziness, hearing loss, tinnitus, injury ear, deformities), nose (obstruction, secretion, epistaxis, sneezing, olfactory disorders, deformities, pain), neck (pain, pharyngeal globe, nodules, dysphonia, halitosis, stridor). Examination of the musculoskeletal system, assessment and analysis of subjective and objective symptoms (pain, stiffness, oedema, crepitus, deformities, weakness, impaired sensitivity, loss of function, extra-articular symptoms), another anamnesis. Examination methods - punctures (patient preparation, care after puncture). Endoscopic examination methods (patient preparation, examination process, nurse interventions, post-examination care). X-ray examination methods (patient preparation, examination process, nurse interventions, post-examination care). Visit. Assistance with the patient's visit and examination. Nurse visit. Admission, translation and discharge of the patient.

**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:** doc. MUDr. Oto Osina, PhD., Mgr. Edita Hlinková, PhD., Mgr. Radka Kurucová, PhD., Mgr. Michaela Miertová, PhD., prof. MUDr. Jana Plevková, PhD., MUDr. Zuzana Biringerová, PhD., MUDr. Romana Richterová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-OS-025/16	<b>Course title:</b> Communication
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-OS-018/22 - Psychology (2)	
<b>Course requirements:</b> 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	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> - 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: 109

A	ABS0	B	C	D	E	FX
99,08	0,0	0,0	0,92	0,0	0,0	0,0

**Lecturers:** Mgr. Zuzana Škodová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-SS1/17	<b>Course title:</b> Defence of bachelor thesis
<b>Number of credits:</b> 5	
<b>Educational level:</b> I.	
<b>Recommended prerequisites:</b> subjects of study program core	
<b>Course requirements:</b> The state exam can be carried out by the student after the fulfillment of the obligations stated in study program.	
<b>Learning outcomes:</b> The graduate knows the basics of scientific work in the field of nursing and methods of obtaining scientific and professional information. He/she can develop 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.	
<b>Class syllabus:</b> Scientific methods and their classification. Ethical aspects of nursing research. Operation with professional literature and other documents. Searching for literary sources, their using and processing. Processing and storage of professional information. Citation in text. Reference list. Research project and its phases. Characteristics and importance of the particular phases of the research process. Formulation of research problems, questions and hypotheses. Possibilities of research problems determination in nursing, proposal of their solution, possibility of verification, method selection. Criteria for selecting a research tool. Preparation and processing of acquired empirical data. Descriptive statistics and its application in data processing. Qualitative methods. Qualitative data analysis. Casuistry - case study. Preparation and application. Interpretation of acquired data, discussion, conclusions. Formal and content requirements of the bachelor thesis. Methodology for the processing of verbal responses. Presentation of the results - verbal, written. Language and scientific style of thesis. Preparation of presentation, preparation for defense.	
<b>State exam syllabus:</b>	
<b>Recommended literature:</b> Study literature for the nursing study program. Available on: <a href="https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinna_odporucana_literatura/21-22/osetrovatelstvo_-_bakalarske_studium__6_.pdf">https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinna_odporucana_literatura/21-22/osetrovatelstvo_-_bakalarske_studium__6_.pdf</a>	
<b>Languages necessary to complete the course:</b> Slovak language	

**Last change:** 24.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.KAIM/J-1-OS-021/22	<b>Course title:</b> First Aid
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100% participation in practical exercises, successful completion of a credit test. Students are evaluated for their theoretical preparation for practical exercises and active participation in practical teaching - mastering and solving model cases. Scale of assessment (preliminary/final): Exam	
<b>Learning outcomes:</b> After completing the course, the student will gain an overview of the position of first aid in medicine, learn to quickly orient themselves in critical situations and properly participate in maintaining health, preventing further damage and saving lives. The student will be motivated for the next study of medical disciplines. Emphasis is placed on individual and group solutions to acute problems and the acquisition of basic clinical skills.	
<b>Class syllabus:</b> The importance of first aid. Guiding principles for first aid. The chain of survival. Basic life-saving operations (head tilt, first aid for choking on foreign bodies, recovery position). BLS - BasicLifeSupport - basic emergency resuscitation. How to use the AED (Automatic External Defibrillator). First aid for traumatic life-threatening conditions (bleeding, wounds, dressing techniques, dislocations, fractures, head, neck, chest, abdomen and pelvis injuries, polytrauma, burns, frostbite, bites and stings, drowning). First aid for non-traumatic life-threatening conditions (heart attack and chest pain, asthma attack, shortness of breath and respiratory failure, stroke, seizures, diabetic emergencies, unconsciousness, anaphylaxis, poisoning, sudden childbirth). Practical skills in specific situations - proper extraction of the injured unconscious from the car, shooting a motorcycle helmet.	
<b>Recommended literature:</b> First aid, CPR, and AED. Alton L. Thygeron, medical writer; Steven M. Thygeron, medical writer; Benjamin Gulli, medical editor; Gina Piazza, medical editor; American College of Emergency Physicians; Jones and Bartlett Publishers, 2016 ERC guidelines 2021	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	

<b>Past grade distribution</b>						
Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. MUDr. Milan Minarik, PhD., prof. MUDr. Beata Drobná Sániová, PhD., MUDr. Denisa Osinová, PhD.						
<b>Last change:</b> 04.04.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						



## COURSE DESCRIPTION

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

<p>1. Sich vorstellen in der Studiengruppe. Pflichten des Studenten. Studium an der Universität – Diskussion. Grammatik: Verben – Konjugation – Präsens. Vokabeln. Wortschatz.</p> <p>2. Meine Universität Meine Universität, individuelle Fakultäten der Comenius-Universität, Gliederung des Schuljahres. Studienfächer an der Jessenius-Medizinischen Fakultät. Merken sie sich den Unterschied: kennen, kennenlernen, sich auskennen, erkennen. Grammatik: Imperativ. Vokabeln. Wortschatz.</p> <p>3. Der menschliche Körper Beschreibung des menschlichen Körpers. Einzelorgane vs. Paarorgane. Das Gesicht. Sinnesorgane. Merken sie sich den Unterschied: unterstehen, ausstehen, bestehen, entstehen, verstehen. Grammatik: Das Substantiv. Vokabeln. Wortschatz.</p> <p>4. Pflegeberufe Gesundheits- und Krankenpfleger. Verschiedene medizinische Berufe. Pflichte des Pflegepersonals. Merken sie sich den Unterschied: suchen, besuchen, untersuchen, sich aussuchen. Grammatik: Präteritum. Perfekt. Wortbildung. Vokabeln. Wortschatz.</p> <p>5. Wenn man krank ist. Im Wartezimmer. In der Praxis. Anmeldung bei einem Arzt. Merken sie sich den Unterschied: halten, anhalten, aufhalten, beinhalten. Grammatik: Die Pronomen. Reflexive Verben. Vokabeln. Wortschatz.</p> <p>6. Beim Arzt Medizinische Untersuchung. Anamnesegespräch. Der Patient klagt über ... Merken sie sich den Unterschied: nehmen, einnehmen, aufnehmen, annehmen, abnehmen. Grammatik: Fragepronomen. Vokabeln. Wortschatz</p>
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**Recommended literature:**

English language:

Grice, T. (2007) Student's Book. Oxford English for Careers.

Grice, T. (2007) Nursing 1. Oxford English for Careers.

Grice, T. (2007) Practice Book. Oxford English for Careers.

Džuganová, B. – Zrníková, P. (2020) English in General Medicine. Bratislava : Vydavateľstvo UK.

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: 177

A	ABS0	B	C	D	E	FX
20,9	0,56	42,37	16,38	10,73	5,08	3,95

**Lecturers:** PhDr. Božena Džuganová, PhD., Mgr. Nora Malinovská, PhD., PhDr. Katarína Murčeková

**Last change:** 17.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-CJ2/22	<b>Course title:</b> Foreign Language (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚCJ/J-1-OS-CJ1/15 - Foreign Language (1)	
<b>Course requirements:</b> 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	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> English Language: 1. Pain Describing types of pain and evaluation of pain via numerical/colour scale of pain degrees. Grammar: Graduation of adjective. Making comparisons. 2. Symptoms Describing symptoms, respiration, cough, asthma. Grammar: Types of question forms. 3. Caring for the elderly Alzheimer's disease, ageing of the brain, problems of the elderly, the aids. Grammar: Expressing future facts, predictions, possibility. 4. Nutrition and obesity Vitamins and minerals, eating disorders, healthy lifestyle, diets, fast-food, digestion, vomiting, defecation. Grammar: giving advice. 5. Blood Cardiovascular system, organs and diseases. Talking about blood types, blood cells. Grammar: Zero and first conditional. 6. Hygiene Describing hygiene aids, infectious diseases, immune system, skin problems. Grammar: Talking about obligation.	

German Language:

1. Das Krankenhaus

Die Uniklinik, einzelne Abteilungen, was wird wo behandelt. Hierarchie des Krankenhauspersonals und seine Pflichten. 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:

Grice, T. (2007) Student's Book. Oxford English for Careers.

Grice, T. (2007) Nursing 1. Oxford English for Careers.

Grice, T. (2007) Practice Book. Oxford English for Careers.

Džuganová, B. – Zrníková, P. (2020) English in General Medicine. Bratislava : Vydavateľstvo UK.

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:** PhDr. Božena Džuganová, PhD., Mgr. Nora Malinovská, PhD., PhDr. Katarína Murčeková

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.GPK/J-1-OS-036/22	<b>Course title:</b> Gynecology and Obstetrics and Nursing (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Checked practical outcome (10 hours) preparation of semester work - test: evaluation: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, Fx: 59% and less. - semester work: evaluation: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, Fx: 59% and less. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> After completing the subject the student realizes nursing care in obstetrics. Provides information and advice regarding of family planning and changes during pregnancy. Characterized education for childbirth. Monitors the pregnancy, including monitoring of the fetus. Performs obstetrical assistance in urgent cases. Monitors the status of mothers in the postnatal period and educates about caring for a newborn.	
<b>Class syllabus:</b> 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.	
<b>Recommended literature:</b> 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. Ošetrovateľské diagnózy. Definície a klasifikácie 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: 0

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

**Lecturers:** MUDr. Imrich Žigo, CSc., doc. Mgr. Martina Bašková, PhD., Mgr. Erika Maskálová, PhD., Mgr. Bc. Eva Urbanová, PhD.

**Last change:** 17.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.GPK/J-1-OS-037/22	<b>Course title:</b> Gynecology and Obstetrics and Nursing (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.GPK/J-1-OS-036/22 - Gynecology and Obstetrics and Nursing (1)	
<b>Course requirements:</b> Checked practical outcome (10 hours) preparation of care plan - test: evaluation: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, Fx: 59% and less. - semester work: evaluation: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, Fx: 59% and less. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> After completing the subject the student is able to characterize common menstrual disorders and provides nursing care of patients with these disorders. Identifies an inflammatory disease of the female genital organs and implements nursing care. Describes the symptoms of cancer of the female genitals and provides nursing care of women with these conditions. Defines the different types of contraception.	
<b>Class syllabus:</b> 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 .	
<b>Recommended literature:</b> 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: <a href="http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/">http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/</a> Rob, L. a kol. Gynekologie. Praha: Galén, 2019. 356 s. ISBN 978-80-7492-426-2. NANDA International. Ošetrovateľské diagnózy. Definice a klasifikace 2018-2020. 11. vyd.	

Praha: Grada. 439 s. ISBN 978-80-271-0710-0  
 Repková, A. a kol. Gynekologické ošetrovatel'stvo. Martin : Osveta, 2006, 138 s. ISBN 80-8063-236-7.  
 Urbanová, E. a kol. Reprodukčné a sexuálne zdravie v dimenziách ošetrovatel'stva 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.  
 Záčková, 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: 0

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

**Lecturers:** MUDr. Imrich Žigo, CSc., doc. Mgr. Martina Bašková, PhD., Mgr. Erika Maskálová, PhD., Mgr. Bc. Eva Urbanová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-019/15	<b>Course title:</b> Health Education (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> CS (10 hours) Study of literature and preparation on educational materials CPO (10 hours) elaboration of semestral thesis, preparation and presentation of educational materials for individuals, families and communities The evaluation of students takes place in the form of evaluation of the presentation of educational materials and evaluation of the semestral thesis. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%; minimum percentage to succeed is 60%. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> At the end of this course, a student will demonstrate basic knowledge and understanding of health, prevention and health promotion. The student can define key terms: health, disease, health promotion, prevention, identifies risk factors affecting health, lifestyle and lifestyle and the environment. A student can create educational material for the individual, family, community. Based on the use of the educational process method, the student can assess the educational needs of a healthy individual, family and community. This course will also contribute to the formation of proper attitude of the student towards his health.	
<b>Class syllabus:</b> Health education, content and objectives of the course. Definition of key terms: health disease, health determinants, promotion and prevention of health. National Health Promotion Programme - Health for All in the 21st century. Primary, secondary and tertiary prevention. Assessment of health and factors affecting health. Personal, social and demographic impacts on health. Social relations and their impact on health. Illness as the cause of disruption of social support environment. Participating and interacting in the group. Health Programs. Educational materials. Identification of educational needs. Methods of data collection - observation, interview, questionnaire measure and analysis of the data obtained at last.	

The educational process - assessment of the educational needs of individuals, families, communities.

**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.  
Hegyí, L., Ochaba, R. *Výchova k zdraviu a podpora zdravia*. Bratislava: Herba, 2013.  
Hanáček, J., Mokřý, J. et al. *Trendy v medicínskom vzdelávaní a hodnotení jeho výsledkov*. Martin : Osveta, 2018.  
Juřeniková, P. *Zásady edukace v ošetrovateľskej praxi*. Praha: Grada, 2010.  
Machová, J., Kubátová, D. et al. *Výchova ke zdraví*. Praha: Grada, 2016.  
Magurová, D. Majerníková, L. *Edukácia a edukačný proces v ošetrovateľstve*. Martin: Osveta, 2009.  
Nemcová, J., Hlinková, E. A kol. *Moderná edukácia v ošetrovateľstve*. 1. vyd. Martin: Osveta, 2010.  
NANDA International. *Ošetrovateľské diagnózy. Definície a klasifikácie 2018-2020*. 1. čes. vyd. Praha : Grada Publishing. 2020.  
Tomagová, M., Bóriková, I. a kol. *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. .  
*Zdravie 2020: Európska politika pre zdravie a prosperitu. Európsky politický rámec na podporu vládnych a spoločenských aktivít pre zdravie a prosperitu*.  
[on-line]. 2014. [cit.2014-01-11]. Available on:  
[http://who.sk/image/stories/Zdravie%202020\\_kratka%20verzia.pdf](http://who.sk/image/stories/Zdravie%202020_kratka%20verzia.pdf).  
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

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 173

A	ABS0	B	C	D	E	FX
75,72	0,0	20,81	2,31	0,0	0,0	1,16

**Lecturers:** Mgr. Mária Zanolitová, PhD.

**Last change:** 23.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-020/22	<b>Course title:</b> Health Education (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-019/15 - Health Education (1)	
<b>Course requirements:</b> CPO (10 hours) elaboration of semestral thesis (preparation of educational plan), presentation of implemented educational plans. The evaluation of students takes place in the form of evaluation of the presentation of educational methods and evaluation of the semestral thesis. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%; minimum percentage to succeed is 60%. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> At the end of this course, a student will demonstrate knowledge about educational programs and educational plans of both healthy and diseased individuals, families and communities. Based on the method of use of an educational process, the student can assess educational needs of healthy individuals, families and communities. Based on which the student can provide educational diagnosis. Afterwards the student can plan, perform and can evaluate the educational process. The student can plan and implements the educational process for the individual, family and community with the proper use of appropriate educational strategies. This course also will contribute to the formation of proper attitude of the student towards his health.	
<b>Class syllabus:</b> Diagnosis of the educational process and determination of the educational diagnosis. Selected nursing diagnoses related to health promotion and prevention. Educational programs, plans and methodological processing. Planning the educational process. Forms of organization and principles in the educational process. Educational strategies and methods. Evaluation of the effectiveness of educational interventions. Specific problems of childhood in relation to the education. Specific problems of adolescence and adolescence in relation to the education. Specific problems of adulthood in relation to the education. Specific problems of the elderly in relation to the education. Planned Parenthood. Health programs in communities.	

Activities to promote health in communities.  
Planning and implementation of the educational program.

**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.  
Hegyí, L., Ochaba, R. *Výchova k zdraviu a podpora zdravia*. Bratislava: Herba, 2013.  
Hanáček, J., Mokřý, J. et al. *Trendy v medicínskom vzdelávaní a hodnotení jeho výsledkov*. Martin : Osveta, 2018.  
Juřeniková, P. *Zásady edukace v ošetrovateľskej 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.  
Nemcová, J., Hlinková, E. et al. *Moderná edukácia v ošetrovateľstve*. 1. vyd. Martin: Osveta, 2010.  
NANDA International. *Ošetrovateľské diagnózy. Definície a klasifikácie 2018-2020*. 1. čes. vyd. Praha : Grada Publishing, 2020.  
Tomagová, M., Bóriková, I. a kol. *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.  
*Zdravie 2020: Európska politika pre zdravie a prosperitu. Európsky politický rámec na podporu vládnych a spoločenských aktivít pre zdravie a prosperitu*. [on-line]. 2014. [cit.2014-01-11]. Available on:  
[http://who.sk/image/stories/Zdravie%202020\\_kratka%20verzia.pdf](http://who.sk/image/stories/Zdravie%202020_kratka%20verzia.pdf)  
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.

**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. Mária Zánovitová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚHE/J-1-OS-060/22	<b>Course title:</b> Histology
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 93% participation in practicals, 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	
<b>Learning outcomes:</b> After completion of the subject, the student understands routine work with light microscope and is able to orientate in basic staining methods. Students understand histological terminology. Based on theoretical knowledge, student is able to identify microscopically main human tissues including and organs. 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.	
<b>Class syllabus:</b> - Epithelial tissue - Connective tissue - Muscle tissue - Nervous tissue - Atria mortis: cardiovascular system, central nervous system, respiratory system - Digestive system - Urogenital system - Endocrine system	
<b>Recommended literature:</b> Belej K. a spol.: Histológia. UK Bratislava. 2005. ISBN 80-223-2100-1.	
<b>Languages necessary to complete the course:</b> Slovak language	
<b>Notes:</b>	

<b>Past grade distribution</b>						
Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Marian Adamkov, DrSc.						
<b>Last change:</b> 17.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-OS-004/15	<b>Course title:</b> Hygiene, Epidemiology and Nutrition
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> <b>EVALUATION:</b> Requirements for successful completion of course: a/ mandatory attendance at practicals (per 1 point) and lectures (per 1 point) (max. 21 points) Only one excused absence is allowed (in accordance with Study Rules of the JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). b/ pre-exam test (max. 9 points) 18 questions per 0.5 point c/ Exam - test (max. 70 points): 35 questions (1 question per 2 points) Final evaluation: Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, achieving at least 60 points in final evaluation is needed. Scale of assessment (preliminary/final): 100/100	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b>	

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. 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. 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: 119

A	ABS0	B	C	D	E	FX
44,54	0,0	27,73	15,13	9,24	3,36	0,0

**Lecturers:** prof. MUDr. Tibor Baška, PhD., doc. Ing. Viera Jakušová, PhD., MPH, Ing. Stanislav Kuka, PhD., Mgr. Eva Malobická, PhD., Mgr. Martin Novák, PhD., Mgr. Eliška Štefanová, PhD.

**Last change:** 17.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-034/22	<b>Course title:</b> Internal Medicine/Gerontology and Nursing (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> 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)	
<b>Course requirements:</b> CS (30 hours) study of literature and preparation for the test. CPO (45 hours) written semester work focused on the education of patients with diseases of internal organs. The evaluation of students takes place in the form of a written knowledge test and evaluation of the elaboration of a semester 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 # 60% Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> By completing the course, the student can define and characterize the mechanism of origin, symptomatology, clinical picture, and diagnosis of diseases of internal organs, conservative therapeutic and nursing interventions. Based on a structured nursing assessment, student can identify the patient's nursing problems, can formulate nursing diagnoses, plan, justify and can implement nursing interventions in patients with acute and chronic diseases of internal organs. He/she can apply the knowledge gained from lectures and practical exercises to the solution of nursing problems in selected, the most common diseases in the internal medicine clinic. The graduate of the course student can work by the method of the nursing process in a specific group of patients with diseases of internal organs. Student can synthesize knowledge from medical, nursing and humanities disciplines with an emphasis on the patient's clinical condition, diagnostic, therapeutic and preventive-educational interventions, and in clinical practice, she / he can provide nursing care at the level of the nurse's competencies and in cooperation with other health professionals.	
<b>Class syllabus:</b> 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.

**Recommended literature:**

Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovatel'stve. Martin: Portál Mefanet JLF UK, 2020. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>. ISSN 1337-7396.  
 Lacko, A., Novyzedláková, M. et al. Vnútorne lekárstvo a ošetrovatel'ská starostlivosť vo vnútornom lekárstve. Pre nelekárske zdravotnícke odbory. Martin: Vydavateľstvo Osveta, 2018.  
 Mokáň, M. et al. Vnútorne lekárstvo 1. (3. nezmenené vyd.). Bratislava: UK, 2020.  
 Mokáň, M. et al. Vnútorne lekárstvo 2. (3. nezmenené vyd.). Bratislava: UK, 2005.  
 Mokáň, M. et al. Vnútorne lekárstvo 3. (3. nezmenené vyd.). Bratislava: UK, 2005.  
 Sováriová Soósová, M. et al. Ošetrovatel'stvo vo vnútornom lekárstve I. Ošetrovatel'ská starostlivosť pri vybraných ochoreniach dýchacieho systému. Košice: Univerzita Pavla Jozefa Šafárika, 2018. 102 s. Available on: <https://unibook.upjs.sk/img/cms/2018/lf/osetrovatelstvo-vo-vnutornom-lek1-web.pdf>.  
 Sováriová Soósová, M. et al. Ošetrovatel'stvo vo vnútornom lekárstve III. Košice: Univerzita Pavla Jozefa Šafárika, 2017. 268 s. Available on: <https://unibook.upjs.sk/img/cms/2017/lf/osetrovatelstvo-vo-vnutornom-lekarstve-web.pdf>.  
 Vörösová, G. Ošetrovatel'ský proces v internom ošetrovatel'stve. Martin: Vydavateľstvo Osveta, 2011.

**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. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., MUDr. Tomáš Bolek, PhD., MUDr. Jakub Benko, PhD., prof. MUDr. Eva Rozborilová, CSc., doc. MUDr. Peter Bánovčin, PhD., doc. MUDr. Dana Prídavková, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-035/22	<b>Course title:</b> Internal Medicine/Gerontology and Nursing (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-034/22 - Internal Medicine/Gerontology and Nursing (1)	
<b>Course requirements:</b> CS (36 hours) study of literature and preparation for the test. CPO (35 hours) written semester work focused on the nursing care of patients with diseases of internal organs. The evaluation of students takes place in the form of a written knowledge test and evaluation of the elaboration of a semester work. The minimum percentage to succeed is 60 %. Oral examination. Minimum success rate: 60 %. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> By completing the course, the student can define and characterize the mechanism of origin, symptomatology, clinical picture, and diagnosis of diseases of internal organs, conservative therapeutic and nursing interventions. Based on a structured nursing assessment, he/she can identify the patient's nursing problems, formulates nursing diagnoses, plans, justifies and implements nursing interventions in patients with acute and chronic diseases of internal organs. He can apply the knowledge gained from lectures and practical exercises to the solution of nursing problems in selected, the most common diseases in the internal medicine clinic. The graduate of the course student can work by the method of the nursing process in a specific group of patients with diseases of internal organs. Student can synthesize knowledge from medical, nursing and humanities disciplines with an emphasis on the patient's clinical condition, diagnostic, therapeutic and preventive-educational interventions, and in clinical practice she/he can provide nursing care	
<b>Class syllabus:</b> 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.

**Recommended literature:**

Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovatel'stve. Martin: Portál Mefanet JLF UK, 2020. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>. ISSN 1337-7396.

Lacko, A., Novosedláková, M. et al. Vnútorne lekárstvo a ošetrovatel'ská starostlivosť vo vnútornom lekárstve. Pre nelekárske zdravotnícke odbory. Martin: Vydavateľstvo Osveta, 2018.

Mokáň, M. et al. Vnútorne lekárstvo 1. (3. nezmenené vyd.). Bratislava: UK, 2020.

Mokáň, M. et al. Vnútorne lekárstvo 2. (3. nezmenené vyd.). Bratislava: UK, 2005.

Mokáň, M. et al. Vnútorne lekárstvo 3. (3. nezmenené vyd.). Bratislava: UK, 2005.

Sováriová Soósová, M. et al. Ošetrovatel'stvo vo vnútornom lekárstve I. Ošetrovatel'ská starostlivosť pri vybraných ochoreniach dýchacieho systému. Košice: Univerzita Pavla Jozefa Šafárika, 2018. 102 s. Available on: <https://unibook.upjs.sk/img/cms/2018/lf/osetrovatelstvo-vo-vnutornom-lek1-web.pdf>.

Sováriová Soósová, M. et al. Ošetrovatel'stvo vo vnútornom lekárstve III. Košice: Univerzita Pavla Jozefa Šafárika, 2017. 268 s. Available on: <https://unibook.upjs.sk/img/cms/2017/lf/osetrovatelstvo-vo-vnutornom-lekarstve-web.pdf>.

Vörösová, G. Ošetrovatel'ský proces v internom ošetrovatel'stve. Martin: Vydavateľstvo Osveta, 2011.

**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. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., doc. MUDr. Katarína Šimeková, PhD., doc. MUDr. Oto Osina, PhD., doc. MUDr. Ema Kantorová, PhD., MUDr. Juraj Krivuš, doc. MUDr. Juraj Sokol, PhD., MUDr. Tomáš Bolek, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin						
<b>Course ID:</b> JLF.ÚSLME/J-1-OS-046/22		<b>Course title:</b> Legal Aspects of Nursing				
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 1						
<b>Recommended semester:</b> 5.						
<b>Educational level:</b> I.						
<b>Prerequisites:</b>						
<b>Course requirements:</b> Test						
<b>Learning outcomes:</b> After completion of the subject the student understands fundamentals of medico-legal legislative, medicolegal investigation of death, types of autopsies, basics of forensic malpractice, alcoholology and toxicology.						
<b>Class syllabus:</b> 1.death investigation, death certification, types of autopsies 2.basics of medico-legal legislative 3.medical malpractice 4.basics in alcoholology and toxicology 5.confidential health care,medical records,informed consens						
<b>Recommended literature:</b> 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.						
<b>Languages necessary to complete the course:</b> Slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. František Novomeský, PhD., doc. MUDr. Jozef Krajčovič, PhD., doc. MUDr. Martin Janík, PhD.						

**Last change:** 18.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚVZ/J-1-OS-038/22	<b>Course title:</b> Management in Nursing
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Recommended prerequisites:</b> -	
<b>Course requirements:</b> <b>EVALUATION:</b> For successful completion of the course, following requirements are needed: a/control questions (max. 10 points) b/ Ppt. presentation (max. 10 points) c/ *seminary thesis (max. 30 points) d/ oral exam (max. 50 points) *Topics of students' seminar thesis: 1. Basic starting points of management – definitions and applications in nursing. 2. Main development courses of management and their applications in nursing. 3. Personality, profile and types of managers in nursing. 4. Roles of manager and requirements for practical work in nursing management. 5. Working as nurse in healthcare. Valid legislative. Education of nurses. 6. Work activities of nurse – manager 7. Management od duties in a nurses work – manager 8. Basic managerial functions and their employment in nursing. 9. Planning as a basic starting point in management. 10. Strategical management in nursing. 11. SWOT analysis of chosen healthcare facility. 12. Organizing and types of organizational structures. 13. Leading of people. 14. Supervision – characteristics, types and functions. Phases of supervision process. 15. Time saving management and techniques of time management in work of nurse – manager. <b>Final evaluation:</b> Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5)	

65 – 60 E (sufficient - 3)  
59 and less Fx (fail - 4)  
For successful completion of the course, achieving at least 60 points in final evaluation is needed.  
Scale of assessment (preliminary/final): 100/100

**Learning outcomes:**

After completion of the subject the student understands functions and roles of manager in nursing. He/she is able to plan, organize, manage and check activities of workers in health care facility. The student is ready to confront his/her knowledge with practice.

**Class syllabus:**

Management in nursing. Nursing managers. Education of nurses. Managerial functions in nursing Planning. Organizing and organization structure. Leading of human resources - styles of leadership. Checking. Time management.

**Recommended literature:**

Obligatory literature:

JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016. 156 s. ISBN 978-80-8063-447-6.

ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. Vybrané kapitoly zo zdravotníckeho manažmentu. Prešov: Vydavateľstvo Prešovskej univerzity, 2017. 164 s. ISBN 978-80-555-1823-7.

Materiály MZ SR. Dostupné na Internete: [www.health.gov.sk](http://www.health.gov.sk)

Recommended literature:

JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010. 142 s. ISBN 978-80-8063-347-9.

KILÍKOVÁ, M., JAKUŠOVÁ, V. Teória a prax manažmentu v ošetrovatelstve. 1. vyd. Martin: Osveta, 2008. 150 s. ISBN 978-80-8063-290-8.

PLEVOVÁ, I. a kol. Management v ošetrovatelstve. 1. vyd. Praha: Grada Publishing, 2012. 304 s. ISBN ISBN 978-80-247-3871-0.

**Languages necessary to complete the course:**

slovak

**Notes:**

**Past grade distribution**

Total number of evaluated students: 0

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

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

**Last change:** 30.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚLBI/J-1-OS-061/22	<b>Course title:</b> Medical Biology and Genetics
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 100 % attendance at practical classes. Mark, according to results from two preliminary tests, at least 60 %. Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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.	
<b>Recommended literature:</b> Pěč, 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.	
<b>Languages necessary to complete the course:</b> Slovak	
<b>Notes:</b>	

<b>Past grade distribution</b>						
Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> prof. MUDr. Martin Pěč, PhD., Mgr. Jana Mazuchová, PhD.						
<b>Last change:</b> 15.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚCJ/J-1-OS-007/22	<b>Course title:</b> Medical Terminology
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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%)	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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 -ōideus, a, um.

Ad illustrandum: Latin equivalents of the terms "cavity" and "channel".

#### 6. 3rd declension adjectives

3rd declension Latin adjectives – one-termination, two-termination and three-termination adjectives. Declension of 3rd declension adjectives. Greek adjectives of the 3rd declension. The meaning of adjective suffixes -ālis, e / āris, e.

Ad illustrandum: Use of close and loose attribute. Synonymous names in Terminologia Anatomica.

#### 7. TEST I

#### 8. Comparison of adjectives

Regular, irregular and incomplete comparison of adjectives. Specifics of comparatives and superlatives in medical terminology. Order of attributes in Latin.

Ad illustrandum: the term "labium" and its meanings; exceptions to the use of the "major - minor" comparative.

#### 9. 3rd Greek declension

Consonant declension, vowel declension. Clinical terms formed by the system suffixes -ītis, -ōma, -ōsis. Some basic Greek stems. Adjective suffix -icus, a, um.

Ad illustrandum: exceptions to the formation of terms denoting inflammation; the term "cardia" and its meanings.

#### 10. Numerals.

Formal and grammatical structure of the medical prescription.

Cardinal, ordinal, multiple numerals, numeric multiple adverbs, decimal point. Declension of numerals. Combination of a numeral with a noun - expression of a counted object. Verbs in medical terminology - infinitive, imperative, present subjunctive. Formal and grammatical structure of the prescription, abbreviations used in prescription, examples of prescription writing. Some basic Greek stems.

Ad illustrandum: cranial nerves - nervī crāniālēs.

#### 11. Prefixes

Word formation - basic rules of derivation. Latin and Greek prefixes: a) prefixes with the meaning of direction, place, time b) prefixes with the meaning of quality, negation. Some basic Greek stems.

Ad illustrandum: obstetrics: terms relating to the time of birth; naming the body planes.

#### 12. Suffixes. Adverbs

Noun suffixes, adjective suffixes. Latin and Greek suffixes in Slovak. The most common adverbs in medical terminology. Some basic Greek stems.

Ad illustrandum: terms derived from the words "corōna" and "koróné"; adjectives derived from the word "spīna".

#### 13. Compound words

The most common components of compound words. Connecting vowels. Position and frequency of compound words components. Word-formation models; semi-affixes. Overview of components: a) human body b) body substances, fluids, secretions c) quantity, quality d) colors e) process, diseased state f) therapy, diagnostics, surgical procedures.

Ad illustrandum: mūsculī collī; Latin titles.

14. TEST II						
<b>Recommended literature:</b> Bujalková, M., Šimon, F.: TERMINOLOGIA MEDICA LATINA. Učebnica lekárskej terminológie pre študentov medicíny. Martin: Vydavateľstvo Osveta 2019. 236 s. 3. doplnené a upravené vydanie. ISBN 978-80-8063-480-3						
<b>Languages necessary to complete the course:</b> Slovak and Latin language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Miroslav Čovan, PhD., Mgr. Nora Malinovská, PhD., Mgr. Samuel Javornický, PhD., Mgr. Desana Kiselová						
<b>Last change:</b> 17.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚMI/J-1-OS-009/22	<b>Course title:</b> Microbiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> - 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 %	
<b>Learning outcomes:</b> The student receives information from bacteriology, virology, 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 disinfection 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 microscopy, cultivation, identification and ATB susceptibility and tools of pathogenity testing. Theoretical knowledges are based on study of etiology of infections of systems.	
<b>Class syllabus:</b> 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	
<b>Recommended literature:</b> Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s. Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s. Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s. Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9. Nováková E, Porubská A, Kompaniková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s. Dostupné na: <a href="https://portal.jfmed.uniba.sk/clanky.php?aid=203">https://portal.jfmed.uniba.sk/clanky.php?aid=203</a>	

Neuschlová Martina, Nováková Elena, Kompaníková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6.

Neuschlová M, Nováková E, Kompaníková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=344>

Neuschlová M, Nováková E, Kompaníková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.

Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie

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

**Last change:** 15.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-039/22	<b>Course title:</b> Neurology and Nursing
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> 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	
<b>Course requirements:</b> CPO (15 hours) study of the literature and draw up of a written termly work on a selected topic in neurology and nursing. The evaluation of students is carried out through written test, termly work 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 # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> Student after complete a subject can describe basic information on the characteristics, diagnosis, etiopathogenesis, clinical picture, treatment of selected neurological diseases; the specifics of nursing care of the patient with selected neurological diseases; can describe the specifics of communication with the patient in selected neurological diagnoses; risk factors for falls in patients with selected neurological diseases; can list the areas of education of patients with selected neurological diseases and their family members. Student can use selected measurement tools in assessing the needs and problems of a patient with neurological disease and can realize and assessment of a patient with a neurological disease.	
<b>Class syllabus:</b> Common neurological tests and investigations; specifics of nursing care of the patient before, during, and after diagnostic and therapeutic neurological tests/procedures and examination. Headache. Consciousness changes. Dementia. Multiple sclerosis. Neurodegenerative diseases of brain. Motor neuron diseases. Back pain. Brain stroke and specifics of nursing care of patient (without and with impaired consciousness). Nurses' tasks and specifics of nursing care of patients with neurological diseases. Nursing assessment of patient needs, and specifics of obtaining case history in a patient with a neurological disease. Specifics nursing care of patients with selected neurological diseases at risk of falls, fall risk assessment, falls risk diagnoses, nursing diagnostics and preventive interventions to reduce the risk of falls. Pain in patients with neurological disease, assessment of pain in patients with neurological diseases and nursing care for patients with pain. Specifics of communication in patients with neurological diseases. Education of patients and family	



members in selected neurological diseases. Admission, transferred, discharge of a patient with a neurological disease. Keeping 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 a consciousness in neurology.

**Recommended literature:**

Bednařík, J., Ambler, Z., Růžička, E. et al. Klinická neurologie – část speciální I, II. Praha: Triton, 2010.

Miertová, M., Kurča, E., Tomagová, M. et al. Ošetrovatelstvo v neurologii. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, 2014. Available on: <http://osevneu.jfmed.uniba.sk/>.

Miertová, M. Riziko pádu v ošetrovateľskej praxi u hospitalizovaných pacientů s neurologickým onemocněním. Praha: Grada Publishing, a.s., 2019.

Slezáková, Z. Ošetrovatelství v neurologii. Praha: Grada Publishing, a.s., 2014.

Slezáková, Z. Neurologické ošetrovatelstvo. Martin: Osveta, 2006.

Tyrlíková, I., Bareš, M. et al. Neurologie pro nelékařské obory. Brno: Národní centrum ošetrovatelství a nelékařských zdravotnických oborů, 2012.

**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. Egon Kurča, PhD., FESO, Mgr. Michaela Miertová, PhD., doc. MUDr. Vladimír Nosál, PhD., FESO, doc. MUDr. Štefan Sivák, PhD., doc. MUDr. Ema Kantorová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-SS2/17	<b>Course title:</b> Nursing (1)
<b>Number of credits:</b> 5	
<b>Educational level:</b> I.	
<b>Recommended prerequisites:</b> subjects of study program core	
<b>Course requirements:</b> The state exam can be carried out by the student after the fulfillment of the obligations stated in study program.	
<b>Learning outcomes:</b> 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:**

Theoretical part:

Legislative standards guiding the nursing practice. The importance of professional organizations (ICN, SK SaPA). Standards of nursing practice, development (methodology of DySSy development) and their application in practice. Standard terminology and classification systems in nursing. The importance of classification systems in the particular phases of the nursing process. Development of nursing diagnostic (NANDA-I classification system) and Gordon's functional and dysfunctional health patterns. Selected conceptual models: Nightingale's, Henderson's, Orem's model of self-care, Leininger's model of transcultural nursing. Nursing ethics, basic principles, ethics code, information issues. Moral problems solving in nursing practice. Specifics of nursing care in internal medicine, surgery, pediatrics, gynecology and obstetrics, neurology, psychiatry, in community nursing in relation to: acute conditions, chronic conditions, cardiovascular diseases, diseases of respiratory system, kidneys and urinary tract, gastrointestinal tract, locomotory apparatus, blood, skin, metabolic diseases, nutritional and internal medium disorders, oncological diseases, geriatric patients, dying patients and their families. Nursing process - method and nursing care of selected needs of patient. Educational process. Roles of nurse in primary care.

Practical part:

Providing the individualized nursing care by the method of nursing process in the selected clinical environment. Performing the standard nursing procedures and techniques according to the nursing competency. Performing the records into the health documentation of patient. Performing the education of patient and relatives.

**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/povinna\\_odporucana\\_literatura/21-22/osetrovatelstvo\\_-\\_bakalarske\\_studium\\_\\_6\\_.pdf](https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinna_odporucana_literatura/21-22/osetrovatelstvo_-_bakalarske_studium__6_.pdf)

**Languages necessary to complete the course:**

Slovak language

**Last change:** 27.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-012/22	<b>Course title:</b> Nursing I. (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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; 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 # 60% Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> After completing the subject, the student can follow legal, ethical and professional standards for the nursing profession and can implement them in practice. He/she can understand the development and factors influencing the advancement of nursing. He/she can apply the knowledge of selected classification systems in nursing to the nursing practice. He/she can describe and masters the development process of standards and care maps. He/she can understand and can describe the characteristics of selected evaluative and measuring techniques and can utilize them to assess particular clinical problems of the patient.	
<b>Class syllabus:</b> Nursing as an applied scientific discipline. Nurse's function and role. Nurse's working methods. Historical development of nursing (non-professional, charitable, professional nursing). Factors influencing its advancement. Current problems of nursing. Fundamental documents of the nursing profession. Professional organization and its importance. Registration and regulation of the nursing profession. Professionalism in nursing. Professional socialization. Standardized terminology and classification systems in nursing: NANDA, NIC, NOC. Standards, development and its implementation in nursing practice. Care maps. Quality of nursing care. Evaluative and measuring techniques in nursing.	
<b>Recommended literature:</b> Bóriková, I. et al. Pády a ich prevencia u hospitalizovaných pacientov. Martin: Osveta, 2018.	

Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. 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 ošetrovatel'stva, princípy a prax. Martin: Vydavateľstvo Osveta, 2021.

Gurková, E. Vybrané kapitoly z ošetrovatel'skej 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 ošetrovatel'stva vydaná MZ SR dňa 29. mája 2006.

Kontrová, L. et al. Štandardy v ošetrovatel'stve. 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 ošetrovatel'skej 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 ošetrovatel'stve a pôrodnej asistencii zo dňa 30. augusta 2004. Vestník MZ SR osobitné číslo/2004.

Odborné usmernenie MZ SR č. 41978/2005 - OO o vedení ošetrovatel'skej 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 ošetrovatel'stve. 1. vyd. Martin: Vydavateľstvo Osveta, 2007.

Vörösová, G. et al. Ošetrovatel'ská 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 ošetrovatel'skej 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. Ošetrovatel'ské konceptuálne modely. Martin: Vydavateľstvo Osveta, 2007.

Žiaková, K. et al. Ošetrovatel'stvo : Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.

Žiaková, K. Vybrané kapitoly z ošetrovatel'skej 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: 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. Dominika Kalánková, PhD.

**Last change:** 24.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-013/22	<b>Course title:</b> Nursing I. (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-012/22 - Nursing I. (1)	
<b>Course requirements:</b> 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; 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 # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> After completing the subject, the student can describe the individual Gordon's functional health patterns within the context of nursing care documentation. He/she can describe the context of the documentation; can make correct recordings, and can demonstrate the utilization of selected evaluative and measuring techniques in assessing the patient's selected clinical problems. He/she can define and characterize particular conceptual models, their theoretical assumptions, background and metaparadigms. He/she can describe the issue of missed nursing care, can justify prevention strategies and can actively implement them in nursing practice.	
<b>Class syllabus:</b> 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. Metaparadigms. 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. Issue of multicultural nursing. Leininger's model, theoretical assumptions and background, basic concepts. The concept of missed, rationed, unfinished nursing care. Predictors, reasons and outcomes.	
<b>Recommended literature:</b>	

Bóriková, I. et al. Pády a ich prevencia u hospitalizovaných pacientov. Martin: Osveta, 2018.

Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. 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. et al. Teória ošetrovatel'stva, princípy a prax. Martin: Vydavateľstvo Osveta, 2021.

Gurková, E. Vybrané kapitoly z ošetrovatel'skej 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 ošetrovatel'stva vydaná MZ SR dňa 29. mája 2006.

Kontrová, L. a kol. Štandardy v ošetrovatel'stve. 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 ošetrovatel'skej 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 ošetrovatel'stve a pôrodnej asistencii zo dňa 30. augusta 2004. Vestník MZ SR osobitné číslo/2004.

Odborné usmernenie MZ SR č. 41978/2005 - OO o vedení ošetrovatel'skej 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 ošetrovatel'stve. 1. vyd. Martin: Vydavateľstvo Osveta, 2007.

Vörösová, G. et al. Ošetrovatel'ská 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 ošetrovatel'skej 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. Ošetrovatel'ské konceptuálne modely. Martin: Vydavateľstvo Osveta, 2007.

Žiaková, K. et al. Ošetrovatel'stvo : Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.

Žiaková, K. Vybrané kapitoly z ošetrovatel'skej 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:**

**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. Dominika Kalánková, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-040/22	<b>Course title:</b> Nursing Practice (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 6 per level/semester: 84</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-063/22 - Nursing Techniques (3)	
<b>Course requirements:</b> CS (20 hours) study of the literature and preparation for the test. CPO (30 hodín) elaboration and presentation/report on selected (critical) event from clinical practice using the SBAR method; elaboration and presentation/report on implementation of the nursing process method in selected patient. The evaluation of students is pursued by continuous evaluation of clinical skills in the performance of nursing practice, evaluation of written test and evaluation of SBAR and nursing process presentations/reports. The minimum percentage to succeed: 60 %. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 30/70	
<b>Learning outcomes:</b> By completion of the subject, the student can apply the knowledge from prerequisite clinical, nursing disciplines, and humanities in real conditions of clinical nursing practice. In providing individualized nursing care to patients with selected diseases and conditions in surgery and internal medicine, the student will demonstrate improving his/her skills in the implementation of basic and advanced nursing techniques, procedures and interventions while adhering to professional standards of clinical practice. The student can implement basic information concerning clinically correct and safe performance of the practice, respecting the principles of evidence-based practice. The student will demonstrate improving the skills of effective standardized communication of (critical) events in clinical practice using the SBAR method. With an emphasis on a holistic approach to the patient the student will demonstrate improving in the implementation of nursing process in real conditions of clinical nursing practice – to be able to develop the competence of critical thinking while assessing biological, psychological, social and spiritual needs of a patient, identifying patient’s actual and potential problems, formulating the nursing diagnoses, planning and performing nursing interventions to meet determined outcomes/goals and evaluating the effectiveness of nursing care provided based on formulated criteria. The student can actively participate in the work schedule in nursing unit, can contribute to ensuring the continuity of nursing care within the context of primary, secondary and tertiary health care, can affect patient’s health awareness and compliance in a positive manner, and can convince him/her to participate actively in health promotion, health maintenance and health restoration.	

**Class syllabus:**

Implementation of a nursing process method in the care of a surgical patient / a patient with internal diseases. Nursing history/anamnesis and physical examination of a patient within the scope of the nurse competency. Objective assessment of patient needs and problems, administration of measurement tools and instruments within the scope of the nurse competency.

Management of symptomatology of selected diseases.

Standardized communication of (critical) events in clinical practice using the SBAR method.

Implementation of basic and advanced nursing techniques, practices and procedures in thematic areas:

Handling patient care articles, equipment and supplies, infection prevention and control

Dressing material and dressing techniques

Bed-making and positioning a patient

Prevention of immobilization and disuse syndrome

Basic and advanced personal hygiene

Oxygen therapy and thermotherapy

Vital signs

Nutrition and fluid balance

Elimination

Administering medications

Parenteral medications and parenteral nutrition

Specimen collection

Surgical nursing

Nursing care of a dead body

**Recommended literature:**

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovatel'stve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. [cit. 2022-02-20]. Available on: <https://e-meracienastroje.jfmed.uniba.sk>

Hulková, V. Štandardizácia v ošetrovatel'stve. Praha: Grada, 2016.

Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovatel'stve.

[online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. [cit. 2022-02-20]. Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=430>

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

Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovatel'ské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovatel'stva, 2015. [cit. 2022-02-20]. Available on: <http://oschir.jfmed.uniba.sk>

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995.

Lacko, A., Novyzedláková, M. et al. Vnútorne lekárstvo a ošetrovatel'ská 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 ošetrovatel'ských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 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]. [cit. 2022-02-20]. Available on: <https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve>

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

NANDA International. Ošetrovateľské diagnózy: Definície a klasifikácie 2018-2020. 11. vyd. Praha: Grada, 2020.

Nejedlá, M. Fyzikálne vyšetrenie pro sestry. 2. přepracované vydání. Praha: Grada, 2015.

Štandardy ošetrovateľstva. Schválené štandardné postupy MZ SR [online]. [cit. 2022-02-20]. Available on: <https://www.standardnepostupy.sk/standardy-oseetrovateľstvo/>

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. [cit. 2022-02-20]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=440>

Vestník MZ SR, ročník 68, osobitné vydanie z 15. mája 2020. „Tvorba nových a inovovaných preventívnych a štandardných klinických postupov a ich zavedenie do medicínskej praxe“. Zoznam schválených štandardných postupov.

Vyhláška MZ SR č. 95/2018 Z. z. z 12. marca 2018, 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: 0

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

**Lecturers:** Mgr. Martina Lepiešová, PhD., Mgr. Michaela Miertová, PhD., PhDr. Jana Nemcová, PhD., Mgr. Dominika Kalánková, PhD., Mgr. Radka Kurucová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-041/22	<b>Course title:</b> Nursing Practice (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 16 <b>per level/semester:</b> 224 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 10	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> 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-040/22 - Nursing Practice (1) and JLF.ÚO/J-1-OS-030/22 - Psychiatry, Mental Health and Nursing	
<b>Course requirements:</b> CS (20 hours) study of the literature and preparation for the test. CPO (30 hours) elaboration of school documentation on the implementation of a nursing process method in a selected surgical patient and a selected patient with an internal disease. The evaluation of students is pursued by continuous evaluation of clinical skills in the performance of nursing practice, evaluation of a report on selected (critical) event from clinical practice using the SBAR method, evaluation of a report on the implementation of a nursing process method in a selected patient in psychiatry and paediatrics, evaluation of written test and evaluation of elaborated school documentation on the implementation of a nursing process method in a selected surgical patient and a selected patient with an internal disease. The minimum percentage to succeed: 60 %. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> By completion of the subject, the student can synthesize the knowledge from various medical, nursing disciplines, and humanities and can apply them to real clinical nursing practice with an emphasis on clinically correct and safe performance of the practice and respecting the principles of evidence-based practice. The student will demonstrate improving his/her skills in the implementation of basic and advanced nursing techniques, procedures and interventions while providing individualized nursing care to patients of all ages and selected diseases and conditions in surgery, internal medicine, psychiatry, and paediatrics. With an emphasis on a holistic approach to the patient, the student can implement the method of nursing process in real conditions of clinical nursing practice – to develop the competence of critical thinking while assessing biological, psychological, social and spiritual needs of a patient, identifying patient’s actual and potential problems, formulating the nursing diagnoses, planning and performing nursing interventions to meet determined outcomes/goals and evaluating the effectiveness of nursing care provided based on formulated criteria. In order to standardize the communication of (critical) events in clinical practice, the student can effectively use the structured method of SBAR communication. The student can actively participate in the work schedule in nursing unit, to make independent decisions based on critical thinking and assume full responsibility for these decisions, to contribute to ensuring	

the continuity of nursing care within the context of primary, secondary and tertiary health care, to affect patient's health awareness and compliance in a positive manner, and convince him/her to participate actively in health promotion, health maintenance and health restoration. The acquired clinical competences together with the argumentation and justification of the chosen procedure will be the starting point for the ability to respond clinically correctly and safely to situations that the student will be confronted with in clinical nursing practice in the future.

**Class syllabus:**

Implementation of a nursing process method in the care of a patient with selected diseases and conditions in surgery, internal medicine, psychiatry, and paediatrics. Nursing history/anamnesis and physical examination of a patient within the scope of the nurse competency. Objective assessment of patient needs and problems, administration of measurement tools and instruments within the scope of the nurse competency.

Management of symptomatology of selected diseases.

Standardized communication of (critical) events in clinical practice using the SBAR method.

Surgical units:

Nursing care of a patient with a chronic wound.

Nursing care of a patient with infection.

Nursing care of a patient with upper gastrointestinal tract disease.

Nursing care of a patient with lower gastrointestinal tract disease.

Nursing care of a patient with an acute abdomen.

Nursing care of a patient with a vascular disease (arterial system).

Nursing care of a patient with a vascular disease (venous system).

Nursing care of a patient with a chest and lung disease.

Nursing care of a patient with a breast disease.

Internal medicine units:

Nursing care of a patient with a cardiovascular disease.

Nursing care of a patient with a respiratory disease.

Nursing care of a patient with a gastrointestinal disease.

Psychiatric units:

Admission, transfer and discharge of a psychiatric patient.

Implementation of a nursing process method in the care of a mentally ill.

The specifics of nursing physical examination of a mentally ill.

The specifics of record keeping and documentation of a psychiatric patient.

The patient and the staff safety in the psychiatric ward.

Communication with the mentally ill.

Paediatric units:

Implementation of a nursing process method in the care of a child.

Hygienic care of a child.

The ways of a child nutrition.

Administration of medications in children.

The specifics of specimen collection in children.

**Recommended literature:**

Bóriková, I., Tomagová, M., Žiaková, K. Meracie nástroje v gerontologickom ošetrovatel'stve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. [cit. 2022-02-20]. Available on: <https://e-meracienastroje.jfmed.uniba.sk>

Hulková, V. Štandardizácia v ošetrovatel'stve. Praha: Grada, 2016.

Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovatel'stve. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. [cit. 2022-02-20]. Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=430>

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

Hlinková, E., Nemcová, J. et al. Multimediálna e-učebnica ošetrovatel'ské postupy v špeciálnej chirurgii [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovatel'stva, 2015. [cit. 2022-02-20]. Available on: <http://oschir.jfmed.uniba.sk>

Hlinková, E., Nemcová, J., Hul'o, 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.

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995.

Lacko, A., Novyzedláková, M. et al. Vnútorne lekárstvo a ošetrovatel'ská 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 ošetrovatel'ských techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 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]. [cit. 2022-02-20]. Available on: <https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve>

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

NANDA International. Ošetrovatel'ské diagnózy: Definície a klasifikácie 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. Ošetrovatel'ství v psychiatrii. 1. vyd. Praha: Grada, 2014.

Sedlářová, P. et al. Základní ošetrovatel'ská péče v pediatrii. Praha: Grada, 2008.

Štandardy ošetrovatel'stvo. Schválené štandardné postupy MZ SR [online]. [cit. 2022-02-20]. Available on: <https://www.standardnepostupy.sk/standardy-oseetrovatelstvo/>

Tomagová, M., Bóriková, I. et al. Potreby v ošetrovatel'stve. Martin: Osveta, 2008.

Tomagová, M., Žiaková, K. et al. Ošetrovatel'ská diagnostika – prepojenie teórie a klinickej ošetrovatel'skej praxe. [online]. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. [cit. 2022-02-20]. Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=440>

Vestník MZ SR, ročník 68, osobitné vydanie z 15. mája 2020. „Tvorba nových a inovovaných preventívnych a štandardných klinických postupov a ich zavedenie do medicínskej praxe“. Zoznam schválených štandardných postupov.

Vyhláška MZ SR č. 95/2018 Z. z. z 12. marca 2018, ktorou sa určuje rozsah ošetrovatel'skej 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:**

<b>Past grade distribution</b>						
Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Martina Lepiešová, PhD., Mgr. Dominika Kalánková, PhD., Mgr. Michaela Miertová, PhD., PhDr. Jana Nemcová, PhD., Mgr. Anna Ovšonková, PhD., Mgr. Mária Zanovitová, PhD.						
<b>Last change:</b> 06.04.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-048/22	<b>Course title:</b> Nursing Practice (3)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 16 <b>per level/semester:</b> 224 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 10	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-041/22 - Nursing Practice (2)	
<b>Course requirements:</b> CS (20 hours) is focused on self-study on clinical topics of nursing practice. CPO (30 hours) are focused on the presentation of nursing documentation and critical events using the SBAR method. The conditions for completing the course are based on continuous assessment of the student during nursing practice in the following areas: theoretical knowledge, practical skills, implementation of the nursing process and nursing documentation. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60%, minimum success rate: 60%. Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> Within completion of the subject student can synthesize the knowledge from various medical and nursing disciplines, and humanities and can apply them to real clinical nursing practice with an emphasis on implementation of reliable evidence-based information for safe healthcare practice. Student can realize his/her skills in the implementation of basic nursing techniques, procedures and interventions while providing individualized nursing care to patients of all ages and selected diseases and conditions in surgery, internal medicine, psychiatry, and paediatrics. With an emphasis on a holistic approach to the patient the student can work by the method of nursing process in real conditions of clinical nursing practice – to develop the competence of critical thinking in assessing biological, psychological, social and spiritual needs of a patient, identifying his/her actual or potential problems, formulating nursing diagnoses, planning and implementation of nursing interventions to meet outcomes/goals stated and evaluating the effectiveness of nursing care provided. Student can use structured and standardized method of SBAR communication to communicate (critical) events in clinical nursing practice effectively and efficiently. After completion of the subject student can actively participate in the work schedule in nursing unit, to make independent decisions based on critical thinking and assume full responsibility for these decisions, can contribute to ensuring continuity of nursing care within the context of primary, secondary and tertiary health care, can affect patient's health awareness and compliance in positive manner, convince him/her to participate actively in health promotion, health maintenance and health restoration. Acquired clinical competences together with ability to argue for and justify the method / technique of the procedure or intervention chosen will be the basis for the ability to manage basic	

and frequently occurring clinical nursing situations and can react to them correctly in real clinical practice in the future

**Class syllabus:**

Surgical units: Priorities of nursing care in acute admission of the patient in surgery. Nursing care management at the planned admission of a patient to surgery. Aseptic techniques and procedures - operating rooms, small surgeries. Nursing care of a patient with a septic wound. Nursing care of a patient with a chronic wound. Nursing care of a patient with drainage and drainage system. Nursing care of a patient with an intestinal stoma (ileostomy, colostomy) and urostomy. Nursing care of a patient with tracheostomy (temporary and permanent tracheostomy). Care in the use of special nursing techniques and procedures on the patient at the surgical ICU.

Internal units: Nursing care of a patient with parenteral nutrition (infusion therapy). Nursing care of a patient with transfusion treatment. Nursing care in parenteral drug administration. Nursing care for diabetics. Nursing care in the application of drugs to the respiratory tract and oxygen therapy. Patient care in the terminal condition, caring for a dead body. Prevention of immobilization syndrome. Patient education with a focus on adherence to a therapeutic regimen.

Psychiatric units: The specifics of record keeping and documentation in selected diagnoses. Admission (with or without the patient's consent), transfer / displacement and discharge of a patient. The specifics of nursing care provided to a child / an adolescent with mental illness. Nursing care of acutely deteriorated mentally ill patient. Mental rehabilitation and children occupational therapy. Paediatric units: Admission, transfer / displacement and discharge of a child. Preparation of a child to special examinations / investigations. Administration of medications to the airways (inhalations, nebulization) and oxygen therapy in a child

Nursing care of a child with pain. Children occupational therapy in different age.

**Recommended literature:**

Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. 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>. ISSN 1337-7396.

Hlinková, E., Nemcová, J. a kol. Multimediálna e-učebnica ošetrovatel'ské postupy v špeciálnej chirurgii [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 2014. ISBN 978-80-89544-72-1. [cit. 2015-01-13] Available on: <http://oschir.jfmed.uniba.sk>.

Hlinková, E., Nemcová, J., Hul'o, E. et al. Management chronických ran. 1. vyd. Praha: Grada, 2019.

Hlinková, E., Nemcová, J., Miertová, M. et al. Nehojace sa rany. 1. vyd. Martin: Osveta, 2015. Janíková, E., Zeleníková, R. Ošetrovatel'ská péče v chirurgii. 1. vyd. Praha: Grada, 2013.

Kalánková, D.: Vybrané hodnotiace a meracie techniky v ošetrovatel'stve [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 2020. ISBN 978-80-8187-087-3 [cit. 2022-01-20] Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=430>

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovatel'stvo 1.,2. 1. vyd. Martin : Osveta, 1995.

Lacko, A., Novyzedláková, M. a kol. Vnútorne lekárstvo a ošetrovatel'ská starostlivosť vo vnútornej lekárskej praxi pre nelekárske zdravotnícke odbory. Martin : Vydavateľstvo Osveta, 2018.

Marečková, J., Žiaková, K. Příklady využití terminologií NNN v ošetrovatel'ské péči. Olomouc: Univerzita Palackého, 2015.

Miertová, M., Žiaková, K., Ovšonková, A. et al. Multimediálna vysokoškolská učebnica techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 2015. Available on: <http://e-knihy.jfmed.uniba.sk/knihy/ostech/>.

NANDA International, Inc. Ošetrovatel'ské diagnózy. Definície & Klasifikácie 2018-2020. 11. vyd. Eds. Herdman, T.H., Kamitsuru, S. Praha: 1. české vyd., Grada Publishing, a.s., 2020.

Slezáková, L. et al. 2010. Ošetrovatelství v chirurgii I. 1. vyd. Praha: GRADA, 2010. Slezáková, L. et al. Ošetrovatelství v chirurgii II. Praha: Grada, 2010.  
 Tomagová, M., Bóriková, I. et al. Potreby v ošetrovatelstve. Martin : Osveta, 2008.  
 Tomagová, M., Žiaková, K. et al. Ošetrovateľská diagnostika –prepojenie teórie a klinickej ošetrovateľskej praxe [online]. Martin: UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva , 2020. ISBN 978-80-8187-091-0 [cit. 2022-01-20] Available on: <https://e-knihy.jfmed.uniba.sk/knihy/os-diagnostika-2/html5/index.html?&locale=SKY>  
 Vörösová, G. Ošetrovateľský proces v internom ošetrovatelstve. Martin: Vydavateľstvo Osveta, 2011.  
 Wichsová, J., Příkryl, P., Pokorná, R., Bittnerová, Z. Sestra a perioperační péče. 1. vyd. Praha: Grada, 2013.

**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:** PhDr. Jana Nemcová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-029/22	<b>Course title:</b> Nursing Research (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-005/15 - Philosophy and Ethics in Nursing	
<b>Course requirements:</b> CS (20 hours) a study of literature and preparation for the test. CPO (20 hours) analysis of literary sources on the bachelor thesis topic, presentation; elaboration of the first part of the research project for the bachelor thesis. The evaluation of students takes place in the form of a written knowledge test and evaluation of the elaboration of the first part of the research project for the bachelor's thesis. Minimum success rate: 60%. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> Science and its basic principles. The place of nursing in the system of sciences. Scientific methods and their classification. Ethical aspects of nursing research. Work with scientific literature and other documents. Search for literary sources, their use, and processing. Citation in the text and list of bibliographic references. Basic relations: document, seminar work, reference, citation (methodology, relevance and representativeness of selecting sources, processing and citation technique, ethical aspects of working with literature). Research project and its phases. Characteristics and significance of individual phases of the research process. Formulation of research problems, questions, and hypotheses. Possibilities of defining research problems in nursing, verification possibilities, and choice of method. Criteria for selecting a research instrument. Questionnaire. Purpose, structure, forms of items, a compilation of questionnaires, pilot study. Questionnaire processing. Response rate.	

Interview. Introduction, phases, questions, types, evaluation of the method.  
 Experiment. Experiment criteria. Utilization in nursing research. Topic selection, working hypothesis, the aim of the experiment. Selection of methodologies and experimental projects. Execution of the experiment and its documentation. Evaluation of results, discussion, generalization of knowledge.  
 Observation. Stages, types, structured and unstructured observations. Observation systems, scale assessment. Record. Observer training.  
 Qualitative methods. Qualitative data analysis. Case study. Preparation and utilization. Interpretation of obtained data, discussion, conclusions.  
 Formal and content requirements of the bachelor thesis. Processing methodology.  
 Presentation of results - verbal, written. Language and scientific style of work. Preparation of the presentation, preparation for the thesis defence. Principles of appropriate presentation.

**Recommended literature:**

Gavora, P. et al. Elektronická učebnica pedagogického výskumu. [online]. Bratislava: Univerzita Komenského, 2010. Available on: <http://www.e-metodologia.fedu.uniba.sk/>  
 Lajčiaková, P., Tabačková, K. Ako spracovať výskum. Ružomberok: Verbum, 2010.  
 Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021.  
 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] 10.10.2013, posledná aktualizácia 10.10.2013 [cit. 2014-01-22] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=234>  
 Žiaková K. et al. Ošetrovatel'stvo: Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.  
 Žiaková, K. et al. Ošetrovatel'ský slovník. Martin: Vydavateľstvo Osveta, 2009.

**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. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD., doc. Mgr. Martina Tomagová, PhD., Mgr. Dominika Kalánková, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-042/17	<b>Course title:</b> Nursing Research (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-029/22 - Nursing Research (1)	
<b>Course requirements:</b> CS (20 hours) study of relevant resources for the elaboration of the final thesis. CPO (20 hours) elaboration of a research project (Part II) and the first chapter of the final thesis Student evaluation is based on CPO. Overall 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	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> Research sample specification and determination. Choice of method of obtaining empirical data. Selection of empirical data analysis method (quantitative and qualitative analysis). Presentation of analysed data. Sample description. Creating tables and graphs. Preparation and processing of obtained empirical data. Descriptive statistics and its use in data analysis. Absolute numbers, relative numbers. Mean position measures: arithmetic mean, median, mode. Measures of variability: standard deviation. Qualitative data analysis by thematic analysis. Requirements of final theses of various character (research, educational, nursing care plan, design and verification of the standard).	
<b>Recommended literature:</b> Gavora, P. et al. Elektronická učebnica pedagogického výskumu. [online]. Bratislava: Univerzita Komenského, 2010. Available on: <a href="http://www.e-metodologia.fedu.uniba.sk/">http://www.e-metodologia.fedu.uniba.sk/</a> Lajčiaková, P., Tabačková, K. Ako spracovať výskum. Ružomberok: Verbum, 2010. Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021. 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] 10.10.2013, posledná aktualizácia 10.10.2013 [cit. 2014-01-22] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=234>  
 Žiaková K. et al. Ošetrovatel'stvo: Teória a vedecký výskum. Martin: Vydavateľstvo Osveta, 2009.  
 Žiaková, K. et al. Ošetrovatel'ský slovník. Martin: Vydavateľstvo Osveta, 2009.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
38,46	0,0	38,46	20,0	1,54	1,54	0,0

**Lecturers:** prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD., Mgr. Ivan Farský, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-043/17	<b>Course title:</b> Nursing Research (3)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 1 per level/semester: 14</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-042/17 - Nursing Research (2)	
<b>Course requirements:</b> 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 # 60% Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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.	
<b>Recommended literature:</b> Gavora, P. et al. Elektronická učebnica pedagogického výskumu. [online]. Bratislava: Univerzita Komenského, 2010. Available on: <a href="http://www.e-metodologia.fedu.uniba.sk/">http://www.e-metodologia.fedu.uniba.sk/</a> Lajčiaková, P., Tabačková, K. Ako spracovať výskum. Ružomberok: Verbum, 2010. Masaryk, R. Ten druhý výskum: Úvod do kvalitatívnych metód v psychológii. Bratislava: Univerzita Komenského, 2021. 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] 10.10.2013, posledná aktualizácia 10.10.2013 [cit. 2014-01-22] Available on: <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: 40

A	ABS0	B	C	D	E	FX
60,0	0,0	27,5	7,5	5,0	0,0	0,0

**Lecturers:** doc. Mgr. Juraj Čáp, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-010/22	<b>Course title:</b> Nursing Techniques (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 6 per level/semester: 84</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> CS (30 hours) studying literature and test preparation At least 60% success rate in testing OSCE skills and techniques in the 14th week (max. 50 points - min. 30 points) Online test (max. 30 points - min. 18 points) Evaluation of readiness and activity, student punctuality by teachers for all 14 exercises (max. 20 points - min. 0 points) Overall 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	
<b>Learning outcomes:</b> By completion of the subject student will demonstrate reliable evidence-based information for safe healthcare practice. Student will understand fundamental principles of nursing care provision and standard procedures of selected nursing techniques and interventions. While using the methods of simulation, demonstration, case study method and learning by doing method the student will demonstrate theoretical knowledge and practical skills in performance of basic nursing procedures within nursing care provision. After completion of this subject while performing nursing procedures student can: <ul style="list-style-type: none"> <li>- argue for and justify the method / technique of the procedure chosen,</li> <li>- prepare equipment and supplies necessary to carry out the procedure,</li> <li>- assess the patient in relation to the procedure,</li> <li>- provide instructions and support the patient prior to the procedure,</li> <li>- prepare the patient for the procedure from physical perspective,</li> <li>- perform hand hygiene (hand washing and hygienic / surgical disinfection)</li> <li>- carry out the procedure independently while following clinical standards and guidelines, respecting the principles of asepsis,</li> <li>- communicate with the patient during the procedure,</li> <li>- record and document the procedure and value assessed,</li> <li>- provide patient education / instruction after the procedure,</li> <li>- process all the equipment and items used (decontamination).</li> <li>- use the structured method of communication SBAR.</li> </ul>	

Acquired competences together with ability to argue for and justify the method / technique of the procedure chosen will be the basis for the ability to manage basic and frequently occurring clinical nursing situations and react to them correctly in real clinical practice in the future.

**Class syllabus:**

Infection prevention and control, medical asepsis  
Dressing material, Changing a Dressing.  
Bedmaking. Moving and positioning I.  
Supporting basic and advanced personal hygiene.  
Prevention of Immobilization and Disuse Syndrome  
Vital signs I.  
Nutrition and Fluid Balance I.  
Elimination I.  
Nonparenteral medications  
Specimen Collection I.  
Specimen Collection II.  
Parenteral medications I.

**Recommended literature:**

Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al.. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [on-line]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Available on: <http://eknihy.jfmed.uniba.sk/knihy/ostech/>  
MZ SR. Schválené nové a inovované štandardné klinické postupy v zdravotníctve. [on-line]. Ministerstvo zdravotníctva SR. 2020/21 Available on: <https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve>  
Ošetrovateľské techniky. E-learningový kurz. <https://moodle.uniba.sk/course/view.php?id=1494>  
Krišková, A. et al. Ošetrovateľské techniky. Martin: Osveta, 2006. 779 s. ISBN 80-8063-202-2  
Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách súvisiacich s jej poskytovaním.  
Vyhláška č. 95/2018 Z. z. Vyhláška Ministerstva zdravotníctva Slovenskej republiky, 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: 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. Michaela Miertová, PhD.

**Last change:** 24.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-011/22	<b>Course title:</b> Nursing Techniques (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 6 per level/semester: 84</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-010/22 - Nursing Techniques (1)	
<b>Course requirements:</b> CS (15 hours) studying literature and test preparation CPO (15 hours) preparation and realization of selected nursing procedures At least 60% success rate in testing OSCE skills and techniques in the 14th week (max. 50 points - min. 30 points) Online test (max. 30 points - min. 18 points) Evaluation of readiness and activity, student punctuality by teachers for all 14 exercises (max. 20 points - min. 0 points) Overall 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	
<b>Learning outcomes:</b> 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: <ul style="list-style-type: none"> <li>- adhere to the principles of medical asepsis and take appropriate care of the equipment used;</li> <li>- provide personal hygiene of patients</li> <li>- assess the impact of immobility on the human body and perform active, passive and self-assisted exercises;</li> <li>- measure, assess, evaluate and record vital signs (body temperature, pulse, respiration, blood pressure, oxygen saturation, obtain an electrocardiogram -ECG)</li> <li>- define the principles of diet therapy and the diet system; administer food to patients, insert and administer enteral nutrition by tubes (orogastric/nasogastric), provide care of a Gastro/Jejunostomy, administer enteral nutrition by Gastro/Jejunostomy</li> <li>- manage urinary and bowel elimination – insertion of a straight / indwelling urinary catheter in a female, assistance in urinary catheterization in a male, administering an enema; provide care of stomas</li> <li>- describe different forms of medications, prepare and administer different forms of medications according to the prescriptions;</li> <li>- prepare and administer oxygen and inhalation therapy</li> </ul>	

- prepare and administer injections
- prepare and administer intra venous therapy, assist with blood therapy, describe complications of blood therapy
- define principles of specimen collections, provide specimen collections
- provide wound care – changing the wound dressing in aseptic / septic / chronic wounds, assisting in wound care, care of a patient with drain / drainage system
- establish and maintain a sterile field; assist in small surgeries
- provide dignified care about dead body
- 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.  
 Nursing care of dead body

**Recommended literature:**

Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [on-line]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Available on: <http://eknihy.jfmed.uniba.sk/knihy/ostech/>  
 MZ SR. Schválené nové a inovované štandardné klinické postupy v zdravotníctve. [on-line]. Ministerstvo zdravotníctva SR. 2020/21 Available on: <https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve>  
 Ošetrovateľské techniky. E-learningový kurz. <https://moodle.uniba.sk/course/view.php?id=1494>  
 Krišková, A. et al. Ošetrovateľské techniky. Martin: Osveta, 2006.  
 Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách súvisiacich s jej poskytovaním. Vyhláška č. 95/2018 Z. z. Vyhláška Ministerstva zdravotníctva Slovenskej republiky, 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: 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. Michaela Miertová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-063/22	<b>Course title:</b> Nursing Techniques (3)
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 6 per level/semester: 84</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 8	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-011/22 - Nursing Techniques (2)	
<b>Course requirements:</b> CS (20 hours) studying literature and test preparation CPO (30 hours) preparation and realization of selected nursing procedures At least 60% success rate in testing OSCE skills and techniques in the 14th week (max. 50 points - min. 30 points) Online test (max. 30 points - min. 18 points) Evaluation of readiness and activity, student punctuality by teachers for all 14 exercises (max. 20 points - min. 0 points) Overall 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	
<b>Learning outcomes:</b> 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: <ul style="list-style-type: none"> <li>- positioning of unconscious patients from supine position to pronated position (e.g. patient with acute respiratory distress)</li> <li>- suction secretions from the airways (oropharyngeal / nasopharyngeal); suction secretions from the tracheostomy / endotracheal tube; take care nursing about tracheostomy</li> <li>- operating equipment for continuous monitoring of the patient's vital signs (connection of the patient to the monitor, manipulation with the monitor); assist in measuring central venous pressure</li> <li>- administering enteral nutrition (nasoro/gastric, gastro/jejunosomas) continually and with enteral pump</li> <li>- performing catheter irrigation, perform urostomy care, change dressing of urostomy; perform care of epicystostomy and nephrostomy</li> <li>- preparation and administering intradermal injections; manipulate and administer medications via infusion pump/injectionmat, prepare and administer medications into epidural catheter, perform care of epidural catheter</li> <li>- providing nursing skills and techniques with specifics for childhood (administer inhale therapy to the child; prepare and assist with administering medications to the child; assist with peripheral</li> </ul>	

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  
 - 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

**Recommended literature:**

Miertová, M., Žiaková, K., Ovšonková, A., Farský, I., Lepiešová, M. et al. Multimediálna vysokoškolská učebnica ošetrovateľských techník a zručností. [on-line]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Available on: <http://eknihy.jfmed.uniba.sk/knihy/ostech/>  
 MZ SR. Schválené nové a inovované štandardné klinické postupy v zdravotníctve. [on-line]. Ministerstvo zdravotníctva SR. 2020/21 Available on: <https://www.health.gov.sk/?Standardne-Postupy-V-Zdravotnictve>  
 Ošetrovateľské techniky. E-learningový kurz. <https://moodle.uniba.sk/course/view.php?id=1494>  
 Krišková, A. et al. Ošetrovateľské techniky. Martin: Osveta, 2006.  
 Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách súvisiacich s jej poskytovaním. Vyhláška č. 95/2018 Z. z. Vyhláška Ministerstva zdravotníctva Slovenskej republiky, 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: 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.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPF/J-1-OS-014/22	<b>Course title:</b> Pathological Anatomy and Pathological Physiology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚA/J-1-OS-001/22 - Anatomy and Physiology	
<b>Course requirements:</b> 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: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 60 % and less. Scale of assessment (preliminary/final): Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student will understand the basic morphological and functional manifestations of diseases, gain knowledge about the basic groups of causes of diseases, the mechanisms involved in the origin and development of symptoms and signs of diseases, biopsy and other methods that help diagnose diseases.	
<b>Class syllabus:</b> Introduction to the study of pathological anatomy and pathological physiology, etiology and pathogenesis. Biopsy and cytology in pathology. Inflammation. Overview of immunopathological processes. Neoplasia, benign and malignant neoplasmas and their characteristic. Disorders of thermoregulation. Stress. Pathophysiology of shock. Disturbances of homeostasis - causes and mechanisms of disorders of water and electrolyte metabolism, causes and mechanisms of disorders of acid-base balance. Pathophysiology of nutrition. Diabetes mellitus. Pathology and pathophysiology of ischemic heart disease. Pathophysiology of arterial hypertension. Pathophysiology of heart failure. Disorders of the arterial and venous systems of the lower extremities. Pathology and pathophysiology of diseases of the gastrointestinal tract and peritoneum.	



<p>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.</p>																				
<p><b>Recommended literature:</b>  Plank, L., Hanáček, J. a kol. Patologická anatómia a patologická fyziológia. Martin: Osveta , 2007. 285 s. ISBN 978-80-8063-241-0</p>																				
<p><b>Languages necessary to complete the course:</b>  Slovak language</p>																				
<p><b>Notes:</b></p>																				
<p><b>Past grade distribution</b>  Total number of evaluated students: 0</p> <table border="1"> <thead> <tr> <th>A</th> <th>ABS0</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> </tr> </tbody> </table>							A	ABS0	B	C	D	E	FX	0,0	0,0	0,0	0,0	0,0	0,0	0,0
A	ABS0	B	C	D	E	FX														
0,0	0,0	0,0	0,0	0,0	0,0	0,0														
<p><b>Lecturers:</b> prof. MUDr. Renata Péčová, PhD., prof. MUDr. Katarína Adamicová, PhD., MUDr. Tomáš Balhárek, PhD., MUDr. Michal Kalman, PhD., MUDr. Petra Kolenčíková, PhD., MUDr. Juraj Marcinek, PhD., MUDr. Jozef Mičák, PhD., prof. MUDr. Lukáš Plank, CSc., prof. MUDr. Miloš Tatár, CSc., prof. MUDr. Jana Plevková, PhD., MUDr. Tomáš Buday, PhD., Mgr. Michal Pokusa, PhD., MUDr. Katarína Lešková, RNDr. Marek Samec, PhD.</p>																				
<p><b>Last change:</b> 06.04.2022</p>																				
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>																				

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-015/15	<b>Course title:</b> Patient s Needs and Nursing Process (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> CS (29 hours) study of the literature and preparation for the test. CPO (20 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 of students is carried out through written test and evaluation of the seminar paper focused on nursing diagnostics and nursing care planning; 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 # 60% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> After completing the subject, the student can characterize the method of the nursing process, describe its phases - assessment, diagnosing, planning, implementation, evaluation. She / he can implement it in clinical practice; work with the patient's medical records and use the structured method of SBAR communication. Student can document the implementation of phases of the nursing process. The student can assess the human needs (breathing, nutrition, hydration, urinary and faecal elimination, sleep and rest, exercise, self-care), 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.	
<b>Class syllabus:</b> 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 records.  
Human needs. Hierarchy of needs by A. H. Maslow. Factors influence human needs.  
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:**

Gurková, E. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009.  
Kozierová, B. et al. Ošetrovateľstvo I., 2. Martin: Osveta, 1995.  
NANDA International. Ošetrovateľské diagnózy. Definície a klasifikácie 2018-2020. Praha: Grada Publishing. 2020.  
Nemčeková, M. et al. Práva pacientov: Medicínske, ošetrovateľské a filozofickoetické súvislosti. Martin: Osveta, 2004.  
Tomagová, M., Bóriková, I. Ošetrovateľský proces (teória a prax). In Multimediálna podpora výučby klinických a zdravotníckych disciplín. Martin: JLF UK, 2011. [cit. 2014-01-22] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=126>  
Tomagová, M. et al. Potreby v ošetrovateľstve. Martin: Osveta, 2008.  
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]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=440>.  
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]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>  
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] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=251>  
Miertová, M. et al. Multimediálna vysokoškolská učebnica techník a zručností. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. [online], [cit. 13. 01. 2022]. Available on: <http://e-knihy.jfmed.uniba.sk/knihy/ostech/> ISBN 978-80-89544-88-2  
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  
Odborné usmernenie MZ SR o vedení zdravotnej dokumentácie zo dňa 24. septembra 2009.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

<b>Past grade distribution</b>						
Total number of evaluated students: 172						
A	ABS0	B	C	D	E	FX
15,7	0,0	53,49	21,51	6,98	1,16	1,16
<b>Lecturers:</b> doc. Mgr. Martina Tomagová, PhD., Mgr. Anna Ovšonková, PhD.						
<b>Last change:</b> 16.03.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-016/15	<b>Course title:</b> Patient s Needs and Nursing Process (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-015/15 - Patient s Needs and Nursing Process (1)	
<b>Course requirements:</b> 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 students is carried out through 2 written tests and evaluation of the nursing documentation about the selected patient; 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 # 60% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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	
<b>Recommended literature:</b> Gurková, E. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009. Kozierová, B. et al. Ošetrovateľstvo I., 2. Martin: Osveta, 1995.	

NANDA International. Ošetrovateľské diagnózy. Definície a klasifikácie 2018-2020. Praha: Grada Publishing. 2020.

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

Tomagová, M., Bóriková, I. Ošetrovateľský proces (teória a prax). In Multimediálna podpora výučby klinických a zdravotníckych disciplín. Martin: JLF UK, 2011. [cit. 2014-01-22] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=126>

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

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]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=440>.

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]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>

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] Available on: <http://portal.jfmed.uniba.sk/clanky.php?aid=251>

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

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

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

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 120

A	ABS0	B	C	D	E	FX
7,5	0,0	41,67	35,0	14,17	0,83	0,83

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

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-044/22	<b>Course title:</b> Pediatrics and Nursing (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.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	
<b>Course requirements:</b> CPO (10 hours) written semester work focused on the nursing process in a child with a selected disease. The evaluation of students is carried out through written test and evaluation of the semester 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 # 60% Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> After completion of the subject, the student can characterize the specifics of nursing process in paediatrics. The student can demonstrate the assessment of the needs, the basic physical examination and assessment of growth and development in different age periods. The student can describe the specifics of nutrition in childhood, nursing care of physiological, premature and pathological newborn. The student can define and characterize the symptomatology, clinical picture, diagnosis and treatment of diseases of physical systems in childhood. A student can identify nursing problems in the paediatric patients in selected diseases of the physical systems and obtained knowledge and skills can apply in the planning and implementation of the nursing care.	
<b>Class syllabus:</b> Introduction to paediatrics. Basics of physical examination in paediatrics. The distribution of children's age, growth and development. Nutrition in childhood. Disorders of the internal environment. Physiological newborn, premature 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 paediatrics nursing, specifics of nursing process in paediatrics.	

<p>Specifics of child assessment, assessment of growth and development in children.  Child nutrition care.  Nursing care of physiological newborn, premature 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.</p>														
<p><b>Recommended literature:</b>  Bánovčin, P., Zibolen, M. et al. Základné informácie o materskom mlieku a dojčení pre pracovníkov v zdravotníctve. Bratislava: A-medi management, 2016. Available on: <a href="#">Základné_info_MM_-knih-celá-7.pdf</a> (1000dni.cz)  Boledovičová, M. et al. Pediatrické ošetrovatel'stvo. Martin: Osveta, 2006.  Fendrychová, J. Základní ošetrovatelské postupy v péči o novorozence. Praha: Grada, 2011.  Jakušová, E, Dostál, A. Výživa dieťaťa v prvom roku života. Martin: Osveta, 2009.  Jeseňák, M., Urbančíková, I. et al. Očkovanie v špeciálnych situáciách. Praha: Mladá fronta, 2019.  Jurko, A., Ovšonková, A., Zanovitová, M. et al. Pediatria a ošetrovatel'ská starostlivosť. Bratislava: UK, 2009.  Klíma, J. et al. Pediatrie pro nelékařské zdravotnické obory. Praha: Grada, 2016.  Kovács, L. et al. Pediatrická propedeutika, Bratislava: ARETE, 2014.  Kovács, L. Čierna, I. et al. Odporúčania na výživu dojčiat a batoliat. Bratislava: Solen, 2015. Available on: <a href="#">Odborne_odporucania_PED_2015_Final.pdf</a> (1000dni.sk)  Ovšonková, A. et al. Pediatrické ošetrovatel'stvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=250">http://portal.jfmed.uniba.sk/clanky.php?aid=250</a>.  Sedlářová, P. et al. Základní ošetrovatelská péče v pediatrii. Praha: Grada. 2008.  Sikorová, L. Potreby dieťaťa v ošetrovatel'skom procese. Praha: Grada, 2011.  Slezáková, L. et al. Ošetrovatel'ství v pediatrii. Praha: Grada, 2010.</p>														
<p><b>Languages necessary to complete the course:</b>  Slovak language</p>														
<p><b>Notes:</b></p>														
<p><b>Past grade distribution</b>  Total number of evaluated students: 0</p> <table border="1"> <thead> <tr> <th>A</th> <th>ABS0</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> <td>0,0</td> </tr> </tbody> </table>	A	ABS0	B	C	D	E	FX	0,0	0,0	0,0	0,0	0,0	0,0	0,0
A	ABS0	B	C	D	E	FX								
0,0	0,0	0,0	0,0	0,0	0,0	0,0								
<p><b>Lecturers:</b> doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD., MUDr. Tomáš Jurko, PhD., MUDr. Peter Ďurdík, PhD., doc. MUDr. Katarína Maťašová, PhD.</p>														
<p><b>Last change:</b> 06.04.2022</p>														
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>														



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-045/22	<b>Course title:</b> Pediatrics and Nursing (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-044/22 - Pediatrics and Nursing (1)	
<b>Course requirements:</b> CPO (10 hours) written semester work focused on a selected problem in paediatrics and nursing. The partial evaluation of students is carried out through written test and evaluation of the semester work. The minimum percentage to succeed is 60 %. Oral examination. 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 # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> After completion of the subject, the student can identify nursing problems in the paediatric patients in selected diseases of the physical systems and obtained knowledge and skills can apply in the planning and implementation of the nursing care in practice, as well as on the basis of model situations created by using case studies. The student can characterize 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.	
<b>Class syllabus:</b> Skin diseases in childhood. Endocrine diseases in childhood. Diabetes mellitus in childhood. Neurology diseases in childhood. Development of the immune system and immunoalterative diseases in childhood. Oncological diseases in childhood. Emergencies and acute threats in childhood. Cardiopulmonary resuscitation in childhood. The specifics of the pain in childhood. Down syndrome, CAN syndrome, SIDS syndrome, baby shaken syndrome. Nursing care of children with skin diseases. Nursing care of children with endocrine diseases. Nursing care of children with diabetes mellitus.	

<p>Nursing care of children with neurology diseases.  Nursing care of children with immunoalterative diseases.  Nursing care of children with oncological diseases.  Palliative nursing care in childhood.</p>						
<p><b>Recommended literature:</b>  Bánovčin, P., Zibolen, M. et al. Základné informácie o materskom mlieku a dojčení pre pracovníkov v zdravotníctve. Bratislava: A-medi management, 2016. Available on: <a href="#">Základné_info_MM_-knihá-celá-7.pdf</a> (1000dni.cz)  Boledovičová, M. et al. Pediatrické ošetrovatel'stvo. Martin: Osveta, 2006.  Fendrychová, J. Základní ošetrovatelské postupy v péči o novorozence. Praha: Grada, 2011.  Jakušová, L., Dostál, A. Výživa dieťaťa v prvom roku života. Martin: Osveta, 2009.  Jeseňák, M., Urbančíková, I. et al. Očkovanie v špeciálnych situáciách. Praha: Mladá fronta, 2019.  Jurko, A., Ovšonková, A., Zanovitová, M. et al. Pediatria a ošetrovatel'ská starostlivosť. Bratislava: UK, 2009.  Klíma, J. et al. Pediatrie pro nelékařské zdravotnícké obory. Praha: Grada, 2016.  Kovács, L. et al. Pediatrická propedeutika, Bratislava: ARETE, 2014.  Kovács, L., Čierna, I. et al. Odporúčania na výživu dojčiat a batoliat. Bratislava: Solen, 2015. Available on: <a href="#">Odborne_odporucania_PED_2015_Final.pdf</a> (1000dni.sk)  Ovšonková, A. et al. Pediatrické ošetrovatel'stvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského. Available on: <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=250">http://portal.jfmed.uniba.sk/clanky.php?aid=250</a>.  Sedlářová, P. et al. Základní ošetrovatelská péče v pediatrii. Praha: Grada. 2008.  Sikorová, L. Potřeby dítěte v ošetrovatelském procese. Praha: Grada, 2011.  Slezáková, L. et al. Ošetrovatel'ství v pediatrii. Praha: Grada, 2010.</p>						
<p><b>Languages necessary to complete the course:</b>  Slovak language</p>						
<p><b>Notes:</b></p>						
<p><b>Past grade distribution</b>  Total number of evaluated students: 0</p>						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<p><b>Lecturers:</b> doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD., prof. MUDr. Mgr. Miloš Jeseňák, PhD., MBA, MUDr. Peter Ďurdík, PhD., MUDr. Jarmila Vojtková, PhD.</p>						
<p><b>Last change:</b> 06.04.2022</p>						
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚFa/J-1-OS-022/16	<b>Course title:</b> Pharmacology
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPF/J-1-OS-014/22 - Pathological Anatomy and Pathological Physiology	
<b>Course requirements:</b> During semester: Passing two written tests. Final exam: Written test. Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 60 % and lower. Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> The graduate of Bachelor`s study knows by subjects graduation: From the field of General pharmacology – route of drugs administration particularly in terms of onset and duration of action, parenteral way of administration in nursing practice, principles of drugs storage, the rules for handling drugs classified among psychotropic and narcotic substances, principles of poisoning treatment by selected drugs groups with the administration of specific antidotes, characteristics of drugs doses (single, daily, maximum, Etc.), drugs interact with food and drink, peculiarities of therapy according to age. From the field of Special pharmacology – characteristic of individual pharmacological groups and agents, effects (desirable and side), most essential contraindications and other information for drug use in nursing practice.	
<b>Class syllabus:</b> Basic definition in pharmacology, HVLP, IPL, „narcotic law“, toxicomania. The route of drug administrations, drug dosage, side effects, and drug interaction. Parenteral way of administration in nursing practice. <ul style="list-style-type: none"> <li>• Factors affecting of drugs effect, Peculiarities of therapy according to age.</li> <li>• Pharmacology of autonomic nervous system</li> <li>• Pharmacology of central nervous system</li> <li>• Opioid analgesics, Pain management</li> <li>• Non-opioid analgesics, Antitheatmatics</li> <li>• Pharmacology of cardiovascular system</li> <li>• Pharmacology of gastrointestinal system</li> <li>• Pharmacology of respiratory system</li> <li>• Antimicrobial drugs</li> <li>• Drugs affecting the function of the endocrine glands</li> </ul>	

- 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. Sapiaentia, Bratislava, 2006, 208 s.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 111

A	ABS0	B	C	D	E	FX
15,32	0,0	26,13	20,72	28,83	8,11	0,9

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

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-005/15	<b>Course title:</b> Philosophy and Ethics in Nursing
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Two knowledge tests as part of the ongoing assessment. Passing the oral exam. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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. Ethical aspects of nursing research.

**Recommended literature:**

Anzenbacher, A. Úvod do etiky. Kostelní Vydří: Karmelitánské nakladatelství, 2001.  
 Čáp, J. Filozofia v ošetrovatel'stve. Martin: Osveta, 2018.  
 Čáp, J., Palenčár, M. Smrť a vedomie smrteľ'nosti. Bratislava: Iris, 2012.  
 Čáp, J., Palenčár, M., Kurucová, R. Ľudská dôstojnosť v kontexte smrti a umierania. Martin: Vydavateľ'stvo Osveta, 2016.  
 Čáp, J. Filozofia a etika v ošetrovatel'stve - súbor prezentácií. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 15.2.2016, posledná aktualizácia 15.2.2016 [cit. 2016-02-15]. ISSN 1337-7396. Dostupné na: <http://portal.jfmed.uniba.sk/clanky.php?aid=332>  
 Etický kódex pre sestry [on-line]. ICN, 2012. [07-01-2020]. Dostupné na: [https://www.icn.ch/sites/default/files/inline-files/2012\\_ICN\\_Codeofethicsfornurses\\_%20eng.pdf](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 poskytovateľ'och zdravotnej starostlivosti, zdravotníckych pracovníkoch, stavovských organizáciách v zdravotníctve a o zmene a doplnení niektorých zákonov.  
 Heřmanová J. et al. Etika v ošetrovatel'ské 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, ošetrovatel'ské a filozoficko-etické súvislosti. Martin : Vydavateľ'stvo Osveta, 2004.  
 Svetová asociácia lekárov (WMA). Príručka lekárskej etiky (slovenský preklad), SLS, 2008. Dostupné na: [https://www.wma.net/wp-content/uploads/2016/11/Slovak\\_Medical-Ethics-Manual-Pri%CC%81ruc%CC%8Cka-leka%CC%81rskej-etiky\\_s.pdf](https://www.wma.net/wp-content/uploads/2016/11/Slovak_Medical-Ethics-Manual-Pri%CC%81ruc%CC%8Cka-leka%CC%81rskej-etiky_s.pdf)

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 119

A	ABS0	B	C	D	E	FX
31,09	0,0	41,18	18,49	5,04	3,36	0,84

**Lecturers:** doc. Mgr. Juraj Čáp, PhD.

**Last change:** 23.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

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

## COURSE DESCRIPTION

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



## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-049/16	<b>Course title:</b> Primary Nursing Care
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-013/22 - Nursing I. (2) and JLF.ÚO/J-1-OS-016/15 - Patient s Needs and Nursing Process (2)	
<b>Course requirements:</b> CS (10 hours) study of the literature and preparation for the tests. CPO (30 hours) educational activities in the community, preparation of an educational plan for a selected group in the community. The evaluation of students is carried out through evaluation of the educational plan and a written 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 # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> After completion of the subject, the student can describe the role of nurses in primary nursing care and community health nursing on different population and other specific groups. Student can apply knowledge of assessment of needs of community, plan and implement care at home. He/she can describe and evaluate the work of nurses and process of care in community settings. He /she can highlight the importance of primary, secondary and tertiary prevention. Student will demonstrate skill in structured and standardized method of SBAR communication.	
<b>Class syllabus:</b> Nursing in Primary, Secondary and Tertiary Care. Community Health Nursing. Types of Community. Characteristics of Community Health. Comparison of traditional and community orientation of nursing. Forms of health care provision. Home Health Care. Home Care Agencies. Ethical aspect of Work in Home health Care. Chronic mental health problem in the community: Schizophrenia and affective disorders. Primary Care of the Family Client. Assessment of health and risk factors in the family. Caregiver role strain. NANDA domain in assessment and diagnostics, planning interventions. Dysfunctional family process. NANDA domain in assessment and diagnostic phase, planning interventions. Disabled family coping. NANDA domain in assessment and diagnostic phase, planning interventions. Primary Care of older Client. Institutionalization.	

Nursing Care in Roma Community. Nursing Care in selected Community (Unemployed, Homeless).  
Nursing Care of patients with Sexually Transmitted Diseases (HIV/AIDS, infection diseases).  
Primary Care of Children. Task of the School Nursing.  
The role of community nursing in protecting health at work. Nursing objectives aimed at protecting health at work.

**Recommended literature:**

Bašková, M. et al.. Výchova k zdraviu. Martin : Osveta, 2009.  
Hanzlíková A. et al.. Komunitné ošetrovatel'stvo. 3. vyd. Martin: Osveta, 2006.  
Jarošová, D. Úvod do komunitního ošetrovatel'ství. 1. vyd. Praha : Grada. 2007.  
Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovatel'stve. Portál JLF UK, 2020. [on-line] ISBN 978-80-8187-087-3. Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=430>.  
Kožuchová, M. et al. Domáca ošetrovatel'ská starostlivosť. Martin: Osveta, 2014  
Kožuchová, M. et al. Manažment ošetrovatel'skej starostlivosti I. Martin : Osveta, 2019.  
Kožuchová, M. et al. Manažment ošetrovatel'skej starostlivosti II. Martin : Osveta, 2022.  
Kurucová, R. Zátěž pečovatele. Posuzování, diagnostika, intervence a prevence v péči o nevléčitelně nemocné. Praha : Grada, 2016.  
Kurucová, R. Vybrané kapitoly z primárnej ošetrovatel'skej starostlivosti: Portál JLF UK, 2021. [on-line]. ISBN 978-80-8187-101-6. Available on: <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.  
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. et al. Moderná edukácia v ošetrovatel'stve. Martin : Osveta, 2010.  
Odborné usmernenie MZ SR č. SZS-1373/2000 pre poskytovanie zdravotnej starostlivosti v Agentúrach domácej ošetrovatel'skej starostlivosti zo dňa 19. júla 2000.  
Tomagová, M. et al. Ošetrovatel'ská diagnostika – prepojenie teórie a klinickej ošetrovatel'skej praxe: Portál JLF UK. [on-line]. 2021. ISBN 978-80-8187-091-0. Available on: <https://portal.jfmed.uniba.sk/clanky.php?aid=440>.  
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. 95/2018 Z.z., ktorou sa určuje rozsah ošetrovatel'skej 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.

<b>Languages necessary to complete the course:</b> Slovak language						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 109						
A	ABS0	B	C	D	E	FX
22,94	0,0	64,22	11,93	0,92	0,0	0,0
<b>Lecturers:</b> Mgr. Radka Kurucová, PhD., doc. Mgr. Martina Tomagová, PhD.						
<b>Last change:</b> 06.04.2022						
<b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.						

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-030/22	<b>Course title:</b> Psychiatry, Mental Health and Nursing
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-016/15 - Patient s Needs and Nursing Process (2) and JLF.ÚPAs/J-1-OS-018/22 - Psychology (2)	
<b>Course requirements:</b> CS (10 hours) study of the literature and preparation for the test. CPO (15 hours) seminar 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 # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> After completing the subject, the student can characterize mental health and prevention of mental disorders; describe the symptoms, diagnosis and treatment of selected mental disorders; she/ he can describe the operation of different types of psychiatric facilities; assess the needs of the patient with a mental disorder and diagnose nursing diagnoses. The student can provide nursing care to patients with mood disorders, schizophrenia, reactive disorders, patients with alcoholism and other psychoactive substance use disorders, organic mental disorders, seniors with mental disorders, children and adolescents with mental disorders.	
<b>Class syllabus:</b> Characteristics and the content of the branch. Etiology mental disorders. Relationship psychiatry and other clinical branches. Mental Health. Prevention mental disorders. General psychopathology. 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.  
 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:**

Petr, T. Marková, E. et al. Ošetrovatelství v psychiatrii. Praha: Grada Publishing, 2014.  
 Kolibáš, E. Průručka klinickej psychiatrie. Bratislava: Psychoprof, 2010.  
 NANDA International. Ošetrovatelské diagnózy. Definície a klasifikácie 2018-2020. Praha: Grada Publishing. 2020.  
 Kafka, J. et al. Mentálne zdravie, psychiatria a ošetrovatelstvo. Košice: Mercury – Smékal, 2004.  
 Kafka, J. et al. Psychiatria. Martin: Osveta, 1998.  
 Komplexný ošetrovatel'ský manažment pacienta s demenciou Ministerstvo zdravotníctva Slovenskej republiky. 2020. [online] [cit. 2014-01-22] Available on: file:///C:/Users/tomagova/AppData/Local/Temp/2\_Os\_KOM\_pacienta\_s\_demenciou.pdf  
 Malá E., Pavlovský, P. Psychiatrie. Praha: Portál, 2002.  
 Ondrejka, I. Depresia v kontexte kvality života. Rožňava: Roven, 2006.

**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. MUDr. Igor Ondrejka, PhD., doc. Mgr. Martina Tomagová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-OS-017/22	<b>Course title:</b> Psychology (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Student Assessment takes the form of a written test, minimum limit 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	
<b>Learning outcomes:</b> After completion of the subject the student understands the basic terms of psychology, he is able to adequately use them; to orientate in literature and to critically evaluate scientific contributions of individual schools and prominent individuals in Psychology. By completing the course the student obtains basic information about the functioning of human mental processes. He acquaints himself with changes in personality, 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).	
<b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- The definition of psychology as a science disciplines of psychology, psychology in relation to related fields.</li> <li>- Basic psychological concepts: psyche, consciousness, the unconscious, behavior.</li> <li>- The most important psychological schools and orientations (psychoanalysis, behaviourism, humanistic psychology). The current integrative view of psychological theory.</li> <li>- Cognitive psychology: Perception, sensory processes, principles of perception; Memory, theory of forgetting, attention; thinking and learning.</li> <li>- Personality, personality typology, temperament, character, ability, bio-psycho-social understanding of the concept of personality.</li> <li>- Developmental psychology: determination of the human psyche development, maturation, developmental crisis a critical periods in human development; Prenatal development, childhood and adolescence</li> <li>- Adulthood – early, middle, late; Aging and old age</li> <li>- Individual in social environment. Socialization, personality and it's role. Groups, leadership; Family, Family functioning.</li> <li>- Social behaviour, prosocial behaviour, antisocial behaviour, Empathy</li> </ul>	

**Recommended literature:**

- Nakonečný, M. Obecná psychologie. Praha: Triton, 2016. 664 s. ISBN 978-80-7387-929-7
- Říčan, P. Psychologie. 4. vyd. Praha: Portál, 2013. 304 s. ISBN 978-80-262-0532-6
- Plháková, A. Učebnice obecné psychologie. Praha: Academia, 2007. 472 s. ISBN 80-200-1499-3
- Plháková, A. 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: 0

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

**Lecturers:** Mgr. Ľubica Bánovčinová, PhD.

**Last change:** 22.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚPAs/J-1-OS-018/22	<b>Course title:</b> Psychology (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-OS-017/22 - Psychology (1)	
<b>Course requirements:</b> Student assessment takes form of an oral exam, a minimum limit for success: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject the student obtains fundamental information about 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.	
<b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- Personality, integrity and unity of personality, self-image, self-conception, conscience, adaptation maladaptation, compensation, hyper-compensation, inferiority complex.</li> <li>- Psychological stress - frustration, deprivation, conflict, stress, coping strategies. - Psychosomatics, psychosocial impact of illness.</li> <li>- Illness, attitudes towards illness (autoplastic image of disease, influence of age, gender and other factors).</li> <li>- Coping with illness.</li> <li>- Influence of the time factor (sick child, sick adult, sick elder)</li> <li>- Death and dying (from the perspective of the patient, nurses and relatives).</li> <li>- Psychology of health professional (health-care professional's personality, adaptation, professional deformation, fatigue). Burnout, professional deformation prevention.</li> <li>- Effect of environment on the patient (hospital, clinic, family, ADOS, hospice).</li> </ul>	
<b>Recommended literature:</b> 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 psychologie lidí s postihnutím. Trnava: TYPI Universitatis Tyrnaviensis, 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: 0

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

**Lecturers:** Mgr. Ľubica Bánovčinová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-062/22	<b>Course title:</b> Safety of patient and staff
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> 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 # 60% Scale of assessment (preliminary/final): 50/50	
<b>Learning outcomes:</b> 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 the risk of pressure ulcers, risk of falls, medication errors, and nosocomial infections in nursing practice. He/she can demonstrate understanding the basic knowledge from the personnel safety. He/she can master the proper handwashing, can use personal protective equipment and can apply them in nursing practice. He/she can describe the reporting process in case of sharps injury.	
<b>Class syllabus:</b> Patient safety. Systems for evaluation of patient safety. Risk of pressure ulcers – assessment, diagnostics, planning. Risk of falls – assessment, diagnostics, planning. Medication errors and their management. Nosocomial infection and its prevention. Principles of barrier nursing regime. Personnel safety. Hand hygiene. Utilization of personal protective equipment in practice. Prevention of sharps injuries. Reporting and procedure in case of sharps injury.	
<b>Recommended literature:</b> 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. Available on: <a href="https://www.standardnepostupy.sk/standardy-oseetrovatelstvo/">https://www.standardnepostupy.sk/standardy-oseetrovatelstvo/</a>	

Boroňová, J. et al. Komplexný ošetrovateľský manažment predchádzania vzniku dekubitov u rizikového pacienta. Bratislava: Ministerstvo zdravotníctva Slovenskej republiky, 2019. Available on: <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](http://ec.europa.eu/health/patient_safety/docs/council_2009_report_sk.pdf).

Kalánková, D. Vybrané hodnotiace a meracie techniky v ošetrovatelstve. 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](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 ošetrovateľskej praxi u hospitalizovaných pacientů s neurologickým onemocněním. Praha: Grada, 2019.

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. Available on: <https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2004/752/>

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. Available on: <https://www.zakonypreludi.sk/zz/2018-95>

**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. Dominika Kalánková, PhD.

**Last change:** 24.03.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-033/16	<b>Course title:</b> Sociology and Social Politics
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚPAs/J-1-OS-018/22 - Psychology (2)	
<b>Course requirements:</b> 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 # 60% Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> 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.	
<b>Class syllabus:</b> 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.	
<b>Recommended literature:</b> 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](https://encyklopedie.soc.cas.cz/w/Hlavn%C3%AD_strana).

Sociologický slovník. Available on: <http://mmax.szm.com/sociologslovník.pdf>.

Zákon č. 448/2008 Z.z. o sociálních 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: 109

A	ABS0	B	C	D	E	FX
51,38	0,0	35,78	9,17	1,83	1,83	0,0

**Lecturers:** PhDr. Jana Nemcová, PhD., doc. Mgr. Martina Tomagová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-008/22	<b>Course title:</b> Summer Practice (1)
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 240s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-010/22 - Nursing Techniques (1) and JLF.ÚO/J-1-OS-015/15 - Patient s Needs and Nursing Process (1)	
<b>Recommended prerequisites:</b> Nursing techniques 1, Needs of the patient and the Nursing process 1	
<b>Course requirements:</b> CPO (40 hours) seminar work focusing on the nursing documentation from surgical/internistic disciplines 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 Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> By completing the course, the student can provide individualized nursing care with an emphasis on a holistic approach to the needs of patients with individual diseases. The student can demonstrate improving in the implementation of prescribed basic nursing techniques, procedures and performances can adhere to the criteria of the standard of specific performance. The student will demonstrate basic knowledge and skills for providing community nursing care	
<b>Class syllabus:</b> Providing individualized nursing care by the method of the nursing process at selected clinical workplaces. Implementation of prescribed nursing procedures and techniques. Making records in patients' medical records. Implementation of education of patients and their relatives.	
<b>Recommended literature:</b> Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. Available on: < <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=251">http://portal.jfmed.uniba.sk/clanky.php?aid=251</a> >. ISSN 1337-7396. Hulková, V. Štandardizácia v ošetrovatel'stve. Praha: Grada, 2016.	

<p>Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. Available on: <a href="https://portal.jfmed.uniba.sk/clanky.php?aid=430">https://portal.jfmed.uniba.sk/clanky.php?aid=430</a>. ISSN 1337-7396.</p> <p>NANDA International. Nursing diagnoses: definitions and classifications: 2021-2023. 12th ed. Thieme Publishers, 2021.</p> <p>Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha: Grada, 2015.</p> <p>Tomagová, M., Žiaková, K. et al. Ošetrovatel'ská diagnostika – prepojenie teórie a klinickej ošetrovatel'skej praxe. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 02. 02. 2022].: Available on: <a href="https://portal.jfmed.uniba.sk/clanky.php?aid=440">https://portal.jfmed.uniba.sk/clanky.php?aid=440</a>. ISSN 1337-7396.</p> <p>Vyhláška MZ SR č. 95/2018 Z. z. z12. marca 2018, ktorou sa určuje rozsah ošetrovatel'skej 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.</p>					
<p><b>Languages necessary to complete the course:</b> Slovak language</p>					
<p><b>Notes:</b></p>					
<p><b>Past grade distribution</b> Total number of evaluated students: 0</p> <table border="1"> <thead> <tr> <th>ABS0</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>0,0</td> <td>0,0</td> </tr> </tbody> </table>		ABS0	M	0,0	0,0
ABS0	M				
0,0	0,0				
<p><b>Lecturers:</b> Mgr. Radka Kurucová, PhD.</p>					
<p><b>Last change:</b> 27.03.2022</p>					
<p><b>Approved by:</b> prof. Mgr. Katarína Žiaková, PhD.</p>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-028/22	<b>Course title:</b> Summer Practice (2)
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 240s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-063/22 - Nursing Techniques (3)	
<b>Course requirements:</b> CS (10 hours) study of literature. CPO (40 hours) draw up 1 nursing documentation from surgery / internal medicine disciplines / departments, 1 educational plan from community facilities. The conditions for evaluation of the course (ABS0): : - participation in continuous practice according to the criteria set out in the Book of Clinical nursing practice (surgical/internal medicine disciplines / departments, community facilities, psychiatric departments) - to submit 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 / internal disciplines / departments, educational plan from community facilities. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> Student after complete a subject can provide individualized nursing care of in-patients with mental health disease and in client in primary health care, in patients with internal disease and in patient at surgery units. Student can provide an appropriate individualized nursing care to patients with respect the professional and ethic norms. Student can communicate using the SBAR method.	
<b>Class syllabus:</b> Providing of individualized nursing care by nursing process method at selected clinical workplaces (surgical / internal medicine disciplines, psychiatric departments) and community departments. Performing the prescribed nursing procedures and techniques in in-patients and in clients located in community departments. Documentation of nursing procedures and techniques and health care in the medical records of patients at clinical departments. Performing the education of patient and their family members (in the range of competence of nurse). Performing the communication by the SBAR method.	
<b>Recommended literature:</b> Suggested readings:	



Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2022-01-22]. Available on: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

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

Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín:: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 02. 02. 2022]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>. ISSN 1337-7396.

Hulková, V. Štandardizácia v ošetrovatel'stve. Praha: Grada, 2016.

Kozierová, B., Erbová, G., Olivierová, R. Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995.

Krišková, A. a kol. Ošetrovatel'ské techniky. 2. vyd. Martin: Osveta, 2006.

Osacká, P. et al. Techniky a postupy v ošetrovatel'stve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007.

Tomagová, M., Bóriková, I. et al. Potreby v ošetrovatel'stve. Martin: Osveta, 2008.

Tomagová, M., Žiaková, K. Ošetrovatel'ská diagnostika – prepojenie teórie a klinickej ošetrovatel'skej praxe. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 02. 02. 2022]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=440>. ISSN 1337-7396.

**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. Michaela Miertová, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-023/22	<b>Course title:</b> Surgery and Nursing (1)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> 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)	
<b>Course requirements:</b> CS (30 hours) study of literature and preparation for the test. CPO (45 hours) processing of selected problems from general surgery from the point of view of nursing according to the latest recommendations and 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. Minimum success rate: 60%. Overall 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	
<b>Learning outcomes:</b> 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 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). 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.	
<b>Class syllabus:</b>	

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 surgery.

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. 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. 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 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. Ošetrovatelství 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. (eds). Nursing diagnoses. Definition and Classification 2021-2023. 12.th ed. New York: Thieme, 2020.

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.

Janíková, E., Zeleníková, R. Ošetrovateľská péče v chirurgii. Praha: Grada, 2013.

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, L., Balková, H., Jankechová, M. Ošetrovateľský proces v chirurgii. Praha: Grada, 2019.

Libová, L. Ošetrovateľstvo v chirurgii. Hodnotiace a meracie nástroje. Martin : Osveta, 2020.

Siman, J. et al. Princípy chirurgie. Bratislava: SAP, 2007.

Wichsová, J., Příkryl, P., Pokorná, R., Bittnerová, Z. Sestra a perioperační péče. Praha: Grada, 2013.

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: 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. Juraj Miklušica, PhD., Mgr. Edita Hlinková, PhD., MUDr. Marek Adámik, PhD., MUDr. Ivana Daňová, PhD., MUDr. Michal Hošala, PhD., MUDr. Anton Mikolajčík, PhD., MUDr. Peter Mikolajčík, PhD., MUDr. Blažej Palkoci, PhD., MUDr. Marek Smolár, PhD., MPH

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-024/22	<b>Course title:</b> Surgery and Nursing (2)
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.ÚO/J-1-OS-023/22 - Surgery and Nursing (1)	
<b>Course requirements:</b> CS (36 hours) study of literature and preparation for the test. CPO (35 hours) processing of selected problems from general surgery from the point of view of nursing according to the latest recommendations and 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. Minimum success rate: 60%. Overall evaluation: A: 100 - 91%, B: 90 - 81%, C: 80 - 73%, D: 72 - 66%, E: 65 - 60%, FX # 60% Scale of assessment (preliminary/final): 40/60	
<b>Learning outcomes:</b> 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 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 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 method.

**Class syllabus:**

Clinical nutrition in 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. (eds). Nursing diagnoses. Definition and Classification 2021-2023. 12.th ed. New York: Thieme, 2020.

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. Ošetrovateľská péče v chirurgii. Praha: Grada, 2013.

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, L., Balková, H., Jankechová, M. Ošetrovateľský proces v chirurgii. Praha: Grada, 2019.

Libová, L. Ošetrovateľstvo v chirurgii. Hodnotiace a meracie nástroje. Martin : Osveta, 2020.

Paško, P. et al. 2008. Základy speciální chirurgie. Praha: Galén, 2008.

Slezáková, L. et al. Ošetrovateľství v chirurgii II. 2. prepracované a doplnené vyd. Praha: Grada, 2021.

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

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.

## COURSE DESCRIPTION

<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Jessenius Faculty of Medicine in Martin	
<b>Course ID:</b> JLF.ÚO/J-1-OS-047/17	<b>Course title:</b> Winter Practice
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 240s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> I.	
<b>Prerequisites:</b> JLF.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	
<b>Course requirements:</b> CPO (40 hours) draw up 1 nursing documentation from surgery / internal medicine disciplines / departments. The conditions for evaluation the course (ABS0): - participation in continual practice according to established criteria in the Book of Clinical nursing practice (surgical/internal medicine, pediatric and psychiatric departments) - to submit confirmations - Allocation sheet, confirmation about safety regulations, Record of arrivals and departures to/from workplace, - a completed List of prescribed practical outputs, - nursing documentation from surgical / internal disciplines / departments. Scale of assessment (preliminary/final): 0/100	
<b>Learning outcomes:</b> After completion of the subject, the student can provide individualised nursing care with emphasis on a holistic approach to the needs of the patients in each of the diseases on the selected clinical workplaces (surgical/internal medicine, pediatric and psychiatric departments), he/she can respect the professional and ethic norms. The student will demonstrate improving the implementation of the basic nursing techniques, procedures and performances can adhere to the standard of particular procedures criteria. Student can implement the education of patients and their relatives. Student can communicate using by the SBAR method.	
<b>Class syllabus:</b> Providing of an individualized nursing care by nursing process method on the selected clinical workplaces (surgical/internal medicine, pediatric and psychiatric departments). Performing the prescribed procedures and nursing techniques. Documentation of nursing procedures and techniques and health care in the medical records of patients at clinical departments. Performing the education of patients and their relatives (in the range of competence of nurse). Performing the communication by the SBAR method.	
<b>Recommended literature:</b>	



Bóriková, I. et al. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2022-01-22]. Available on: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

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

Kalánková, D. Vybrané hodnotiace a meracie techniky a postupy v ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín:: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online], [cit. 02. 02. 2022]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=430>. ISSN 1337-7396.

Hulková, V. Štandardizácia v ošetrovatel'stve. Praha: Grada, 2016.

Kozierová, B., Erbová, G., Olivierová, R. Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995.

Krišková, A. et al. Ošetrovatel'ské techniky. 2. vyd. Martin: Osveta, 2006.

Osacká, P. Et al. Techniky a postupy v ošetrovatel'stve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007.

Tomagová, M., Bóriková, I. et al. Potreby v ošetrovatel'stve. Martin: Osveta, 2008.

Tomagová, M., Žiaková, K. Ošetrovatel'ská diagnostika – prepojenie teórie a klinickej ošetrovatel'skej praxe. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] , [cit. 02. 02. 2022]. Available on: <https://portal.jfmed.uniba.sk//clanky.php?aid=440>. ISSN 1337-7396.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 65

ABS0	M
100,0	0,0

**Lecturers:** Mgr. Anna Ovšonková, PhD.

**Last change:** 06.04.2022

**Approved by:** prof. Mgr. Katarína Žiaková, PhD.