

## Course descriptions

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## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                     |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-006/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Course title:</b><br>Administration and Documentation in Nursing |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 15<br><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><br>Students evaluation takes the form of one partial tests and oral presentation, minimum threshold of success: 60%. Evaluation: A: 91-100%, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx 60 % and less<br>Scale of assessment (preliminary/final): Total number of students assessed: 52A: 31 %, B: 50 %, C: 19 %, D: 0 %, E: 0%, FX: 0%, ABS0:0 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |
| <b>Learning outcomes:</b><br>Student <ul style="list-style-type: none"> <li>- characterizes the importance of keeping medical records and archiving (method, procedure)</li> <li>- characterizes the types, elements and structure of health care and nursing documentation</li> <li>- implements individual entries to medical and nursing documentation under the relevant legal and ethical standards</li> <li>- characterizes the specificities of keeping nursing documentation for pediatric, gynecological and obstetrical, surgical, internal, department of psychiatry and primary care.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |
| <b>Class syllabus:</b><br>Medical records - the importance of keeping medical and nursing documentation structure.<br>SBAR in nursing communication and documentation.<br>Legal and ethical aspects of creating and managing the health and care documentation.<br>Archiving health record.<br>Recording information about the patient's health and related care to documentation in various stages of the nursing process.<br>Quality and effectiveness of nursing documentation. Assessment and measuring tools as part of a range of nursing documentation. Requirements for proper record keeping.<br>Special events and their documentation.<br>Specifics keeping of documentation and pediatric and gynecologist departments.<br>Specifics of the surgical management of documentation and internal departments.<br>Specifics of the document management in the psychiatric unit and primary health care.<br>References students to search topics within the controlled self-study. |                                                                     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |

ČERVEŇANOVÁ, E.- OPRŠALOVÁ, G. Ošetrovateľské štandardy v intenzívnej starostlivosti. 1. vyd. Martin: Osveta, 2012. 86 s.

GAROVÁ, M.- VALENTOVÁ, I.- GARA, K. Administratíva a zdravotnícka dokumentácia. Martin: Osveta, 2003. 118 s.

GOMOLČÁKOVÁ, V. et al. Rámcové procesuálne štandardy ošetrovateľských výkonov I.-VI. Mimoriadna príloha Zdravotníckych novín a časopisu Sestra 1. vyd. Bratislava: MZ SR, 2004-2006.

KOLEKTIV AUTORŮ. Průvodce ošetrovatelskou dokumentací od A do Z. 1. vyd. Praha: Grada Publishing, 2002. 389 s.

KONTROVÁ, E.- ZÁČEKOVÁ, M.- HULKOVÁ, V. a kol. Štandardy v ošetrovatel'stve. 1.vyd. Martin: Osveta, 2005. 215 s.

KOZIEROVÁ B.- ERBOVÁ G.- OLIVIEROVÁ R. Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995. 1474 s.

ŠKRLA P.-ŠKRLOVÁ, M. Kreativní ošetrovatelský management. 1.vyd. Praha: Advent -Orion. 2003. 485 s.

VAŠÁTKOVÁ, I. et al. Ošetrovateľská dokumentace v nemocnici. Brno: IDVPZ, 2001. 127 s.

VONDRÁČEK, L.-LUDVÍK M.- NOVÁKOVÁ J. Ošetrovateľská dokumentace v praxi. 1.vyd. Praha: Grada Publishing, 2004. 72 s.

VONDRÁČEK, L.- WIRTHOVÁ, V. Sestra a její dokumentace. Návod pro praxi. 1. vyd. Praha: GRADA Publishing, a.s., 2008. 88 s.

Vestník Ministerstva zdravotníctva Slovenskej republiky ročník 53, čiastka 36, z 30. júna 2005, č. 68.: Vyhláška MZ SR č. 306/2005 Z. z. ktorou sa ustanovuje zoznam sesterských diagnóz.

Odborné usmernenie Ministerstva zdravotníctva Slovenskej republiky o vedení ošetrovateľskej dokumentácie zo dňa 24.9.2009.

Zákon 576/2004 o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.31

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 121

| A     | ABS0 | B     | C    | D   | E   | FX  |
|-------|------|-------|------|-----|-----|-----|
| 54,55 | 0,0  | 33,06 | 12,4 | 0,0 | 0,0 | 0,0 |

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

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |
| <b>Course ID:</b><br>JLF.ÚA/J-1-OS-001/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Anatomy and Physiology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 4 <b>per level/semester:</b> 30 / 60<br><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><br>100% participation in practicals, at least 60% success rate on written tests<br>(subjects – anatomy, physiology, medical biology, histology).<br>Mark: A: 93–100 %, B: 88–92 %, C: 81–87 %, D: 73–80 %, E: 60–72 %, FX: 59 % and less.<br>Scale of assessment (preliminary/final): 10/90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |
| <b>Learning outcomes:</b><br>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.<br>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 sessions from Physiology expand practical skills required for clinical practice – basic clinical examinations for the assessment of physiological functions (e.g. blood taking, blood analysis), which is necessary for understanding of human physiology and direct clinical application.<br>MEDICAL BIOLOGY: After completing the subject Medical Biology, 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.<br>HISTOLOGY: After completion of the subject, the student understands routine work with light microscope and is able to orientate in basic staining methods. Students understand histological terminology. Based on theoretical knowledge, student is able to identify microscopically main human tissues including and organs. |                                                |
| <b>Class syllabus:</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |

| <p>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.</p> <p><b>PHYSIOLOGY:</b> 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.</p> <p><b>MEDICAL BIOLOGY:</b> After completing the subject Medical biology, 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.</p> <p><b>HISTOLOGY:</b></p> <ul style="list-style-type: none"> <li>- Epithelial Tissue, Connective Tissue, Blood;</li> <li>- Bone, Muscle Tissue, Nervous System;</li> <li>- Digestive System, Cardiovascular System, Respiratory System, Urinary System;</li> <li>- Male and Female Reproductive System, Skin, Eye, Ear.</li> </ul> |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|------|---|------|---|---|---|---|----|------|-----|------|-------|-------|-------|------|
| <p><b>Recommended literature:</b></p> <p><b>ANATOMY:</b><br/>Mellová Y. a kol.: Anatómia človeka pre nelekárske študijné programy. Martin: Osveta, 2018. 184 s.</p> <p><b>PHYSIOLOGY:</b><br/>Čalkovská A a kol. Fyziológia človeka pre nelekárske študijné programy. Osveta 2010, Martin, 220 s. Javorka K a kol.: Lekárska fyziológia. Martin, Osveta, 2001, 678 s.<br/>Čalkovská A, Javorka K: Návod y k praktickým cvičeniam z fyziológie. Bratislava, UK, 2008, 135 s.</p> <p><b>MEDICAL BIOLOGY:</b><br/>Pěč M. a kol.: Základy lekárskej biológie pre študijný odbor Ošetrovateľstvo [elektronický dokument]. - 1. vyd. - Martin : JLF UK Martin, 2007. - Kompaktný disk, 151 s. ISBN 978-80-88866-50-3.</p> <p><b>HISTOLOGY:</b><br/>Belej K.: Histológia. UK Bratislava. 2005. ISBN 80-223-2100-1.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| <p><b>Languages necessary to complete the course:</b><br/>Slovak</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| <p><b>Notes:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| <p><b>Past grade distribution</b><br/>Total number of evaluated students: 123</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>3,25</td><td>0,0</td><td>4,88</td><td>30,08</td><td>29,27</td><td>30,89</td><td>1,63</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |       |       |       |      | A | ABS0 | B | C | D | E | FX | 3,25 | 0,0 | 4,88 | 30,08 | 29,27 | 30,89 | 1,63 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ABS0 | B    | C     | D     | E     | FX   |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| 3,25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,0  | 4,88 | 30,08 | 29,27 | 30,89 | 1,63 |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| <p><b>Lecturers:</b> doc. MUDr. Yvetta Mellová, CSc., RNDr. Magdaléna Marčeková, PhD., prof. MUDr. Andrea Čalkovská, DrSc., prof. MUDr. Ingrid Tonhajzerová, PhD., prof. MUDr. Martin Pěč, PhD., prof. MUDr. Marian Adamkov, DrSc., doc. MUDr. Soňa Báľentová, PhD., Ing. Veronika Cígerová, PhD., RNDr. Mária Kovalská, PhD., RNDr. Veronika Mešťanová, PhD., MUDr. Eva Ochodnická, CSc., Ing. Zuzana Višňovcová, PhD., Mgr. Jana Mazuchová, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |
| <p><b>Last change:</b> 26.11.2019</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |       |      |   |      |   |   |   |   |    |      |     |      |       |       |       |      |

**Approved by:**

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |
| <b>Course ID:</b><br>JLF.ÚLBch/J-1-OS-051/18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Biochemistry |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><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><br>Assessment of students is in the form of an exam, minimum success rate: 60%.<br>Rating: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, FX: 59% and less                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |
| <b>Learning outcomes:</b><br>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><br>Organization and chemical composition of organisms - cell structure, chemical composition of cell - organic, inorganic substances, enzymes and coenzymes).<br>Intermediate metabolism - characteristics of metabolic processes, basics of bioenergetics. biological oxidation, metabolism of carbohydrates, lipids, amino acids, nucleotides, tetrapyrroles.<br>Genetic information - replication, transcription, translation.<br>Basics of metabolic regulation<br>Biochemistry of the gastrointestinal tract - oral cavity, stomach, pancreas, bile, small intestine, large intestine.<br>Liver biochemistry.<br>Kidney biochemistry.<br>Biochemistry of the nervous system - structure, metabolism, principles of nerve transmission, vegetative nervous system.<br>Biochemistry of the endocrine system acid-base balance<br>Blood plasma proteins<br>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.<br>Examination of lipid profile. Atherosclerosis and its laboratory diagnostics. |                                      |

|                                                                                                                                                                                                                                                                                                                                                   |      |       |       |       |       |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|------|
| Examination of protein and non-protein nitrogenous substances. Urine examination for the presence of physiological and pathological components (glucose, proteins, ketone bodies, urobilinogen). Jaundice and its laboratory diagnostics<br>Examination of minerals and acid-base balance parameters. Enzymes in clinical-biochemical diagnostics |      |       |       |       |       |      |
| <b>Recommended literature:</b><br>V. Turecký, V. Rendeková, A. Czirfusz: Lekárska biochémia pre poslucháčov nelekárskych smerov. Asklepios Bratislava, 2008. 86 s (skriptá)<br>Ivan Pecháň, Gustáv Kováč: Prehľad biochémie človeka II. VEDA Bratislava 2003, 197s.                                                                               |      |       |       |       |       |      |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                             |      |       |       |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                     |      |       |       |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 94                                                                                                                                                                                                                                                                          |      |       |       |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                                 | ABS0 | B     | C     | D     | E     | FX   |
| 4,26                                                                                                                                                                                                                                                                                                                                              | 0,0  | 10,64 | 10,64 | 27,66 | 43,62 | 3,19 |
| <b>Lecturers:</b> prof. MUDr. Dušan Dobrota, CSc., doc. RNDr. Tatiana Matáková, PhD.                                                                                                                                                                                                                                                              |      |       |       |       |       |      |
| <b>Last change:</b> 09.12.2019                                                                                                                                                                                                                                                                                                                    |      |       |       |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                               |      |       |       |       |       |      |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>Course ID:</b><br>JLF.ÚLBf/J-1-OS-052/18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Biophysics and Radiology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 30 / 15<br><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><br>Basic characteristics of the principles of biophysical process in the organism. Biophysical principles of diagnostics methods and therapeutics methods by ionizing and nonionizing radiation in medicine and nursing basic principles of protection counter ionizing radiation (limits, effective dose and personal dosimetry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| <b>Course requirements:</b><br>Continuous assessment at practical sessions and seminars, final credit test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |
| <b>Learning outcomes:</b><br>After completion of the subject Medical Biophysics and radiology, students are able to master the basic physical and physical-chemical processes in biological systems and human body. Students understand biophysical principles of physiological and pathological processes in humans at a level of a cell, tissues and the organ systems. They know and apply to practice the basic biological effects of physical factors affecting the human body and a protection against their harmful influences. They master the biophysical principles of medical instrumentation used in diagnostic and some therapeutical methods.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |
| <b>Class syllabus:</b><br>Structure and function of cell membrane. Transport mechanisms. The resting membrane potential. -The action potential, its origin and propagation. Synapse and synaptic transmission. -Biophysical principles of muscle contraction. Skeletal, cardiac and smooth muscle. Biophysical basics of respiration. External and internal breathing, ventilation, distribution, diffusion and perfusion. - Biophysics of the circulatory system. Heart as a force pump, structure, function, power output. - Laminar and turbulent blood flow - basic laws. Blood pressure. Capillary blood flow, filtration in capillary loop, oedema. -Biophysical mechanism of sensory perception. Biophysics of vision. Biophysics of hearing. -Recording of electrical and nonelectrical biosignals. -Interaction of mechanical and meteorological factors with living systems. -Interaction of electrical and magnetic fields and nonionising radiation with living systems. -Radioactivity and ionising radiation. -Origin of ionizing radiation and the interaction of ionizing radiation, radiological quantities and units. - Detection of ionising radiation. Interaction of ionising radiation with living systems. -X-ray imaging techniques. Imaging techniques using radionuclides. -Biophysical principles of some diagnostical and therapeutical methods in medicine. |                                                  |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|------|-----|
| <b>Recommended literature:</b>                                                                                                                                                                                                     |      |       |       |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                 |      |       |       |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                      |      |       |       |       |      |     |
| <b>Past grade distribution</b><br>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., doc. MUDr. Kamil Zeleňák, PhD., Ing. Jakub Míšek, PhD., prof. RNDr. Ivan Poliaček, PhD., doc. RNDr. Michal Šimera, PhD., Ing. Marcel Veterník, PhD., Mgr. Nadežda Višňovcová, PhD. |      |       |       |       |      |     |
| <b>Last change:</b> 05.12.2019                                                                                                                                                                                                     |      |       |       |       |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                |      |       |       |       |      |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                               |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-026/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Clinical Propedeutics |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 30 / 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |
| <b>Recommended prerequisites:</b><br>Anatomy and physiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |
| <b>Course requirements:</b><br>The evaluation of students is in the form of the written final test, the minimum success rate: 60%.<br>Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % and less.<br>Scale of assessment (preliminary/final): 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                               |
| <b>Learning outcomes:</b><br>The student is able to apply theoretical knowledge to the practical assessment of the general condition of the patient. He/she will be able to evaluate the basic anamnestic data and symptomatology of the disease, procedures of the physical examination of the particular body systems including the basic laboratory tests and to assess globally the patient condition focusing on the identification of cases requiring the urgent medical and nursing intervention. The student gains the essential practical skills in the clinical work and understands the necessity of the interdisciplinary and multidisciplinary teamwork. With the aim of the streamline and standardisation of the communication (critical) incidents in the clinical nursing practice, the student uses the structure communication method of SBAR. |                                               |
| <b>Class syllabus:</b><br>Medical history collection (status praesens generalis), methodology and data recording<br>Assessment and analysis of subjective and objective symptoms in a patient in internal medical disciplines<br>Assessment and analysis of subjective and objective symptoms in a patient in surgical disciplines<br>Examination body positions of the patient<br>Physical examination of the patient - methodology of physical examination methods and recording of findings on the physical examination<br>General examination of the patient - cephalocaudal procedure (status praesens localis)<br>Examination methods (non-invasive, invasive)<br>Admission, discharge, patient transfer<br>Patient positions<br>Assistance in the round and examination of the patient                                                                     |                                               |

**Recommended literature:**

Fetisovová, Ž. a kol. Klinická propedeutika ošetrovateľstva a pôrodnej asistencie. Martin : Vydavateľstvo Osveta, 2012. 228 s. ISBN 978-80-806-3373-8.

Heřman, M. Základy radiologie. 1. vyd. Olomouc : Univerzita Palackého, 2014. 320 s. ISBN 9788024429014.

Lazúrová, I., Valočníková, I. Interná propedeutika. 1. vyd. Martin : Osveta, 2014. 150 s. ISBN 9788081431364.

Nejedlá, M. Fyzikální vyšetření pro sestry. 2. přepracované vydání. Praha : GRADA, 2015. 288 s. ISBN 978-80-247-9572-0.

**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  |
|-------|------|-------|-------|------|------|-----|
| 26,05 | 0,0  | 49,58 | 18,49 | 2,52 | 3,36 | 0,0 |

**Lecturers:** doc. MUDr. Oto Osina, PhD., Mgr. Edita Hlinková, PhD., Mgr. Mária Kolomazníková, doc. Mgr. Ivana Bóriková, PhD., doc. Mgr. Martina Tomagová, PhD.

**Last change:** 11.11.2019

**Approved by:**

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-025/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Course title:</b><br>Communication |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |
| <b>Recommended prerequisites:</b><br>Psychology I-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |
| <b>Course requirements:</b><br>Student assessment takes form of a presentation of the thesis, a minimum limit is: 60 %. Evaluation:<br>A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less<br>Scale of assessment (preliminary/final): 0/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
| <b>Learning outcomes:</b><br>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> <ul style="list-style-type: none"> <li>- Introduction, aims of the course, the significance and specifics of communication in the health care professions.</li> <li>- Self-knowledge, methods of assessment and evaluation of others.</li> <li>- Social skills, presentation in public.</li> <li>- Ability of self- presentation, motivation and personality profile.</li> <li>- Nonverbal communication (nvk): components and importance of nvk in professional communication, interpretation of nvk, compliance and non-compliance of nvk and verbal communication.</li> <li>- Assertiveness in communication and it's development, manipulation.</li> <li>- Criticism, coping with the affective attack in communication.</li> <li>- Interview: types of interview, phases of professional interview, types of questions.</li> <li>- Active listening and empathy.</li> <li>- Group talk, group decision-making and cooperation.</li> <li>- Conformity, dominance vs. obedience and power issues in communication.</li> <li>- Conflicts and their solution, prejudice in communication.</li> </ul> |                                       |

- 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  
 DeVito J.A.: Základy medzilidské komunikace, Praha: Grada, 2008.  
 Janáčková L., Weiss P.: Komunikace ve zdravotnické péči, Praha: Portál, 2008.  
 Schulz von Thun F.: Jak spolu komunikujeme?, Praha, Grada, 2005.  
 Vybíral Z.: Psychologie komunikace, Praha, Portál, 2009.  
 Vymětal J.: Průvodce úspěšnou komunikací, Praha, Grada, 2008.  
 Vybíral Z.: Lži, polopravdy a pravdy v lidské komunikaci, Praha, Portál, 2008.  
 Praško J., Prašková H.: Asertivitou proti stresu, Praha, Grada, 2007.  
 Pease A., Pease B.: Řeč těla, Praha, Portál, 2008.  
 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: 67

| A     | ABS0 | B   | C    | D   | E   | FX  |
|-------|------|-----|------|-----|-----|-----|
| 98,51 | 0,0  | 0,0 | 1,49 | 0,0 | 0,0 | 0,0 |

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

**Last change:** 04.09.2020

**Approved by:**

## STATE EXAM DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                    |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-SS1/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course title:</b><br>Defence of bachelor thesis |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |
| <b>Recommended prerequisites:</b><br>subjects of study program core                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
| <b>Course requirements:</b><br>The state exam can be carried out by the student after the fulfillment of the obligations stated in study program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |
| <b>Learning outcomes:</b><br>The graduate knows the basics of scientific work in the field of nursing and methods of obtaining scientific and professional information. He is capable of developing nursing practice, 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 adheres to the principles of nursing ethics which he is a carrier of.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                    |
| <b>Class syllabus:</b><br>Scientific methods and their classification.<br>Ethical aspects of nursing research.<br>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.<br>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.<br>Criteria for selecting a research tool.<br>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.<br>Formal and content requirements of the bachelor thesis. Methodology for the processing of verbal responses.<br>Presentation of the results - verbal, written. Language and scientific style of thesis.<br>Preparation of presentation, preparation for defense. |                                                    |
| <b>State exam syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |
| <b>Recommended literature:</b><br>Study literature for the nursing study program. Available from:<br><a href="https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/literatura19-20/osetrovatelstvo_-_bakalarske_studium__6_.pdf">https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/literatura19-20/osetrovatelstvo_-_bakalarske_studium__6_.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |

|                                |
|--------------------------------|
| Slovak language                |
| <b>Last change:</b> 11.11.2019 |
| <b>Approved by:</b>            |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|-------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |      |                                   |       |      |     |     |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                               |      |                                   |       |      |     |     |
| <b>Course ID:</b><br>JLF.KAIM/J-1-OS-021/16                                                                                                                                                           |      | <b>Course title:</b><br>First Aid |       |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 15<br><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>                                                                                                                                                                           |      |                                   |       |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                   |       |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                   |       |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                   |       |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                   |       |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                   |       |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 104                                                                                                                             |      |                                   |       |      |     |     |
| A                                                                                                                                                                                                     | ABS0 | B                                 | C     | D    | E   | FX  |
| 49,04                                                                                                                                                                                                 | 0,0  | 29,81                             | 19,23 | 1,92 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. MUDr. Milan Minarik, PhD., prof. MUDr. Beata Drobná Sániová, PhD.                                                                                                              |      |                                   |       |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |      |                                   |       |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |      |                                   |       |      |     |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>Course ID:</b><br>JLF.ÚCJ/J-1-OS-CJ1/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Foreign Language (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                              |
| <b>Class syllabus:</b><br>English Language<br>- The human body<br>The body systems, body parts and organs<br>Polite questions, requests, commands.<br>- The hospital team<br>Hospital jobs and departments, describing activities, nursing profession.<br>Present simple, continuous.<br>- In and around the hospital<br>Giving directions, describing location, instrument, equipment<br>Prepositions of place and movement.<br>- Hospital admission<br>Describing the hospital admission.<br>Past simple, past continuous, making questions.<br>- Accidents and emergencies<br>Understanding instructions, giving instructions, talking about first aid.<br>- Pain<br>Describing types and degrees of pain.<br>Making comparisons. |                                              |
| <b>Recommended literature:</b><br>English language:<br>Grice, T.: Nursing 1. Oxford English for Careers, 2007<br>Grice, T.: Student file, Oxford English for Careers, 2007.<br>Austin, D., Crosfield, T.: English for Nurses. Longman, 1992.<br>Internet<br>German language:<br>Firnhaber-Sensen, U. - Schmidt, G.: Deutsch im Krankenhaus. Berlin: Langenscheidt 1994. 168 s.                                                                                                                                                                                                                                                                                                                                                       |                                              |

|                                                                                            |      |       |      |       |      |      |
|--------------------------------------------------------------------------------------------|------|-------|------|-------|------|------|
| <b>Languages necessary to complete the course:</b>                                         |      |       |      |       |      |      |
| <b>Notes:</b>                                                                              |      |       |      |       |      |      |
| <b>Past grade distribution</b>                                                             |      |       |      |       |      |      |
| Total number of evaluated students: 127                                                    |      |       |      |       |      |      |
| A                                                                                          | ABS0 | B     | C    | D     | E    | FX   |
| 18,9                                                                                       | 0,79 | 38,58 | 18,9 | 11,81 | 5,51 | 5,51 |
| <b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., Mgr. Hana Nemčková |      |       |      |       |      |      |
| <b>Last change:</b> 23.01.2017                                                             |      |       |      |       |      |      |
| <b>Approved by:</b>                                                                        |      |       |      |       |      |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| <b>Course ID:</b><br>JLF.ÚCJ/J-1-OS-CJ2/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Foreign Language (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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><br>Foreign language 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |
| <b>Class syllabus:</b><br>English Language<br>- Symptoms<br>Describing symptoms, respiration, cough, asthma.<br>Question forms.<br>- Caring for the elderly<br>Alzheimer's disease, the ageing brain, the problems of the elderly, the aids.<br>Expressing future facts, predictions, possibility.<br>- Nutrition and obesity<br>Vitamins and minerals, eating disorders, healthy lifestyle, diets, fast-food, digestion, vomiting, defecation.<br>Giving advice.<br>- Blood<br>Cardiovascular system, organs and diseases, talking about blood types, blood cells.<br>Zero and first conditional.<br>- Death and dying<br>Talking about dying, discussing euthanasia.<br>Expressing possibility.<br>- Hygiene<br>Describing hygiene aids, talking about obligation, infectious diseases, immune system, skin problems. |                                              |
| <b>Recommended literature:</b><br>English language:<br>Grice, T.: Nursing 1. Oxford English for Careers, 2007<br>Grice, T.: Student file, Oxford English for Careers, 2007.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |

Austin, D., Crosfield, T.: English for Nurses. Longman, 1992. ISBN: 0-582-55019-5.  
Internet  
German language:  
Firnhaber-Sensen, U. - Schmidt, G.: Deutsch im Krankenhaus. Berlin: Langenscheidt 1994. 168 s.

**Languages necessary to complete the course:**

English language, German language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 125

| A    | ABS0 | B    | C    | D   | E    | FX  |
|------|------|------|------|-----|------|-----|
| 24,0 | 0,8  | 32,8 | 16,8 | 8,0 | 12,8 | 4,8 |

**Lecturers:** PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., Mgr. Hana Nemčková

**Last change:** 24.09.2019

**Approved by:**

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|-------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |      |                                              |       |      |      |      |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                               |      |                                              |       |      |      |      |
| <b>Course ID:</b><br>JLF.ÚCJ/J-1-OS-CJ3/16                                                                                                                                                            |      | <b>Course title:</b><br>Foreign Language (3) |       |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><b>Form of the course:</b> on-site learning |      |                                              |       |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                           |      |                                              |       |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |      |                                              |       |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |      |                                              |       |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                              |       |      |      |      |
| <b>Recommended prerequisites:</b><br>Foreign language 1, Foreign language 2                                                                                                                           |      |                                              |       |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                              |       |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                              |       |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                              |       |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                              |       |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                              |       |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                              |       |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 68                                                                                                                              |      |                                              |       |      |      |      |
| A                                                                                                                                                                                                     | ABS0 | B                                            | C     | D    | E    | FX   |
| 26,47                                                                                                                                                                                                 | 0,0  | 36,76                                        | 22,06 | 8,82 | 4,41 | 1,47 |
| <b>Lecturers:</b> PhDr. Božena Džuganová, PhD., Mgr. Anna Barnau, PhD., Mgr. Hana Nemčeková                                                                                                           |      |                                              |       |      |      |      |
| <b>Last change:</b> 24.09.2019                                                                                                                                                                        |      |                                              |       |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |      |                                              |       |      |      |      |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                   |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                   |
| <b>Course ID:</b><br>JLF.GPK/J-1-OS-036/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Gynecology and Obstetrics and Nursing (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 45 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <b>Learning outcomes:</b><br>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><br>Menstrual Cycle. Physical Examination. Pelvic examination.<br>Pregnancy - Conception and Fetal Development. Anatomy and Physiology of Pregnancy. Nursing care during Pregnancy.<br>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.<br>Postpartum. Nursing care of the Postpartum Woman.<br>Spontaneous Abortion, Preterm Labor and Birth, Postterm Pregnancy, Labor and Birth. Nursing care.<br>Complication of Pregnancy – Cardiac Disease, Hypertensive Disorders, Diabetes Mellitus, renal Disorders, Allo –immunisation, Maternal Infection. Nursing care.<br>Labor and Birth Complication – forceps – assisted Birth, Cesarean Birth.<br>Postpartum Complication.<br>First Aid for sudden delivery. Childbirth at home and in exceptional circumstances. |                                                                   |
| <b>Recommended literature:</b><br>Urbanová, E. a kol. Vybraní virtuálni pacienti v pôrodnej asistencii učebné texty vo virtuálnom prostredí Open Labyrinth.1. vyd. Martin: JLF UK, 2017. 56 s. Dostupné na internete: <a href="http://e-knihy.jfmed.uniba.sk/knihy/virtualni-pacienti/">http://e-knihy.jfmed.uniba.sk/knihy/virtualni-pacienti/</a><br>Bašková, M. a kol. Inovácia obsahu, foriem a metód na podporu praktických zručností v pôrodnej asistencii. Multimedialna vysokoškolská e – učebnica. 1. vyd. Martin: UK v Bratislave, JLF v Martine, Ústav pôrodnej asistencie, 2015. 229 s. ISBN 978-80-89544-85-1. Dostupné na internete: <a href="http://e-http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/">http://e-http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/</a>                                                                                                                                 |                                                                   |

Danko, J., Mlynček, M. Vybrané kapitoly z gynekológie a pôrodnictva. Bratislava: UK, 1991. 114 s. ISBN 80-223-0376-3.

Zwinger, A. et al. Porodnictví. Praha: Galén Karolinum, 2004. 532 s. 80-7262-257-9.

Doenges, M. et al. Kapesní průvodce zdravotní sestry. Praha: Grada, 2001. 565 s. ISBN 80-247-0242-8

Eliašová, E. a kol. Pôrodnické ošetrovatel'stvo. Martin : Osveta, 2000. 111 s. ISBN 80-8063-053-4

Pont'uch, A. Gynekológia a pôrodnictvo. Martin : Osveta, 1989. 446 s. ISBN 80-217-0034-3

Repková, A. a kol. Gynekologické ošetrovatel'stvo. Martin: Osveta, 2006. 138 s. ISBN 8080632367

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

Tomagová, M. a kol. Potreby v ošetrovatel'stve. 1. vyd. Martin: Osveta, 2007. 198 s. ISBN 978-80-8063-270-0.

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

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

Odporúčaná literatúra:  
[http://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa\\_odporucana\\_literatura/literatura\\_17-18/Osetrovatelstvo\\_-\\_bakalarske\\_studium.pdf](http://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/literatura_17-18/Osetrovatelstvo_-_bakalarske_studium.pdf)

**Languages necessary to complete the course:**

slovak

**Notes:**

**Past grade distribution**

Total number of evaluated students: 41

| A     | ABS0 | B     | C    | D   | E   | FX  |
|-------|------|-------|------|-----|-----|-----|
| 48,78 | 0,0  | 46,34 | 4,88 | 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:** 30.09.2020

**Approved by:**

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                   |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                   |
| <b>Course ID:</b><br>JLF.GPK/J-1-OS-037/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Gynecology and Obstetrics and Nursing (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 1 <b>per level/semester:</b> 45 / 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   |
| <b>Course requirements:</b><br>Written test and semester work<br>Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % a menej.<br>Scale of assessment (preliminary/final): exam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |
| <b>Learning outcomes:</b><br>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><br>Infection of reproductive system, treatment in gynecology - conservative , operational. Nursing care.<br>Structural Disorders and Neoplasms of the reproductive system, prevention in obstetrics and gynecology, dispensarization, screening. Nursing Care.<br>Menopause. Nursing Care.<br>Acute conditions in obstetrics and gynecology , low back pain syndrome . Nursing care.<br>Menstrual disorders , Nursing Care.<br>Contraception. Nursing Care.<br>Preoperative and postoperative care of a woman after abdominal surgery .<br>Preoperative and postoperative care of a woman after vaginal surgery .                                                                                                                                             |                                                                   |
| <b>Recommended literature:</b><br>Urbanová, E. a kol. Vybraní virtuálni pacienti v pôrodnej asistencii učebné texty vo virtuálnom prostredí Open Labyrinth.1. vyd. Martin: JLF UK, 2017. 56 s. Dostupné na internete: <a href="http://e-knihy.jfmed.uniba.sk/knihy/virtualni-pacienti/">http://e-knihy.jfmed.uniba.sk/knihy/virtualni-pacienti/</a><br>Bašková, M. a kol. Inovácia obsahu, foriem a metód na podporu praktických zručností v pôrodnej asistencii. Multimediálna vysokoškolská e – učebnica. 1. vyd. Martin: UK v Bratislave, JLF v Martine, Ústav pôrodnej asistencie, 2015. 229 s. ISBN 978-80-89544-85-1. Dostupné na internete: <a href="http://e-http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/">http://e-http://e-knihy.jfmed.uniba.sk/knihy/techniky-pa/</a> |                                                                   |

Danko, J., Mlynček, M. Vybrané kapitoly z gynekológie a pôrodnictva. Bratislava: UK, 1991. 114 s. ISBN 80-223-0376-3.

Zwinger, A. et al. Porodnictví. Praha: Galén Karolinum, 2004. 532 s. 80-7262-257-9.

Doenges, M. et al. Kapesní průvodce zdravotní sestry. Praha: Grada, 2001. 565 s. ISBN 80-247-0242-8

Eliašová, E. a kol. Pôrodnické ošetrovatel'stvo. Martin : Osveta, 2000. 111 s. ISBN 80-8063-053-4

Pont'uch, A. Gynekológia a pôrodnictvo. Martin : Osveta, 1989. 446 s. ISBN 80-217-0034-3

Repková, A. a kol. Gynekologické ošetrovatel'stvo. Martin: Osveta, 2006. 138 s. ISBN 8080632367

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Tomagová, M. a kol. Potreby v ošetrovatel'stve. 1. vyd. Martin: Osveta, 2007. 198 s. ISBN 978-80-8063-270-0.

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

Odporúčaná literatúra:  
[http://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa\\_odporucana\\_literatura/literatura\\_17-18/Osetrovatelstvo\\_-\\_bakalarske\\_studium.pdf](http://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/literatura_17-18/Osetrovatelstvo_-_bakalarske_studium.pdf)

**Languages necessary to complete the course:**

slovak

**Notes:**

**Past grade distribution**

Total number of evaluated students: 40

| A    | ABS0 | B    | C   | D   | E   | FX  |
|------|------|------|-----|-----|-----|-----|
| 55,0 | 0,0  | 45,0 | 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:** 30.09.2020

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-019/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Health Education (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><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><br>Evaluation criteria - 1 partial written test and 1 written exam, the minimum percentage to succeed: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 74–80 %, D: 73–66 %, E: 60–65 %, FX: 59 % and fewer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Learning outcomes:</b><br>At the end of this course a student acquires basic knowledge of health issues, prevention and promotion of the health. Become familiar with the tasks of a multidisciplinary team in prevention and promotion of the health of individuals, families and communities. Based on the method of use of a educational process, the student is able to assess the educational needs of the health of individuals, families and communities.<br>The student will be able to: <ul style="list-style-type: none"> <li>- Define key terms: health, disease, health promotion and health prevention ...</li> <li>- Integrate into the context of health education knowledge of humanities and natural Sciences</li> <li>- Identify risk factors affecting health, lifestyle and lifestyle and environment</li> <li>- Identify and qualify the educational needs of healthy individuals, families and communities.</li> </ul> This course also contributes to the formation of proper attitude of the student towards his health. |                                              |
| <b>Class syllabus:</b><br>Health education, content and objectives of the course. Definition of basic concepts: health disease, health determinants, promotion and prevention of health.<br>National Health Promotion Programme - Health for All in the 21st century. Primary, secondary and tertiary prevention.<br>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.<br>Participating and interacting in the group.<br>Health Programs.<br>Identification of educational needs. Methods of data collection - observation, interview, questionnaire measure and analysis of the data obtained at last.<br>The educational process - assessment of the educational needs of individuals, families, communities.                                                                                                                                                                 |                                              |

**Recommended literature:**

Recommended literature:

BAŠKOVÁ, M. a kol. Výchova k zdraviu. Martin : Osveta, 2009. 227 s.

ISBN978-80-8063-320-2.

GURKOVÁ, E., ŽIAKOVÁ, K., ČÁP, J. a kol. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin : Osveta, 2009. 242 s. ISBN 978-8063-308-0.

KOZIEROVÁ, B. a kol. Ošetrovateľstvo 1.,2. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

NEMCOVÁ, J., HLINKOVÁ, E. et al. Moderná edukácia v ošetrovateľstve . 1.vyd. Martin : Osveta, 2010. s. ISBN 978-808063-321-9.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovateľstve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

Súbor dokumentov SZO pre sestry a pôrodné asistentky 1.,2. Bratislava: Slovenská komora sestier a pôrodných asistentiek, 2003. 456 s. ISBN 80-967818-5-5.

Zdravie 21 - zdravie pre všetkých v 21. storočí. Editor Svetová zdravotnícka organizácia - Európska úradovňa. Bratislava : Štátny zdravotný ústav SR, 2001. 155 s. ISBN 80-7159-119-X.

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].

Dostupné na internete: [http://who.sk/images/stories/Zdravie%202020\\_kratka%20verzia.pdf](http://who.sk/images/stories/Zdravie%202020_kratka%20verzia.pdf)

ŽIAKOVÁ, K. et al. OŠETROVATEĽSTVO - teória a vedecký výskum. Martin : Osveta, 2003. 319 s. ISBN 80-8063-131-X.

**Languages necessary to complete the course:**

Slovak language

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

Total number of evaluated students: 123

| A     | ABS0 | B     | C    | D   | E   | FX   |
|-------|------|-------|------|-----|-----|------|
| 66,67 | 0,0  | 28,46 | 3,25 | 0,0 | 0,0 | 1,63 |

**Lecturers:** prof. Mgr. Katarína Žiaková, PhD., Mgr. Mária Zanolitová, PhD., doc. Mgr. Martina Tomagová, PhD.

**Last change:** 05.10.2015

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-020/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Health Education (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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><br>Health Education 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Course requirements:</b><br>Evaluation criteria - 1 partial written test and 1 written exam, the minimum percentage to succeed: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 74–80 %, D: 73–66 %, E: 60–65 %, FX: 59 % and fewer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Learning outcomes:</b><br>At the end of this course a student acquires knowledge about educational programs and educational plans of both healthy and diseased individuals, families and communities. Based on the method of use of a educational process, the student is able to assess educational needs of healthy individuals, families and communities. Based on which the student provides educational diagnosis. Afterwards the student plans, performs and evaluates the educational process.<br>The student will be able to:<br>- Plan and implement the educational process for individuals, families and communities.<br>- Plan and implement the educational process for individuals, families and communities in relation to any disease.<br>- Plan and implement the educational process for individuals of any age.<br>This course also contributes to the formation of proper attitude of the student towards his health. |                                              |
| <b>Class syllabus:</b><br>- Diagnosis of the educational process and determination of the educational diagnosis.<br>- Selected nursing diagnoses related to health promotion and prevention.<br>- Educational programs, plans and methodological processing.<br>- Planning the educational process.<br>- Forms of organization and principles in the educational process.<br>- Educational strategies and methods.<br>- Evaluation of the effectiveness of educational interventions.<br>- Specific problems of childhood in relation to the education.<br>- Specific problems of adolescence and adolescence in relation to the education.<br>- Specific problems of adulthood in relation to the education.<br>- 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:**

Recommended literature:

BAŠKOVÁ, M. a kol. Výchova k zdraviu. Martin : Osveta, 2009. 227 s.

ISBN978-80-8063-320-2.

GURKOVÁ, E., ŽIAKOVÁ, K., ČÁP, J. a kol. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin : Osveta, 2009. 242 s. ISBN 978-8063-308-0.

KOZIEROVÁ, B. a kol. Ošetrovateľstvo 1.,2. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

NEMCOVÁ, J., HLINKOVÁ, E. et al. Moderná edukácia v ošetrovateľstve . 1.vyd. Martin : Osveta, 2010. s. ISBN 978-808063-321-9.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovateľstve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

Súbor dokumentov SZO pre sestry a pôrodné asistentky 1.,2. Bratislava: Slovenská komora sestier a pôrodných asistentiek, 2003. 456 s. ISBN 80-967818-5-5.

Zdravie 21 - zdravie pre všetkých v 21. storočí. Editor Svetová zdravotnícka organizácia - Európska úradovňa. Bratislava : Štátny zdravotný ústav SR, 2001. 155 s. ISBN 80-7159-119-X.

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].

Dostupné na internete: [http://who.sk/images/stories/Zdravie%202020\\_kratka%20verzia.pdf](http://who.sk/images/stories/Zdravie%202020_kratka%20verzia.pdf)

ŽIAKOVÁ, K. et al. OŠETROVATEĽSTVO - teória a vedecký výskum. Martin : Osveta, 2003. 319 s. ISBN 80-8063-131-X.

#### **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  |
|-------|------|-------|------|-----|-----|-----|
| 77,31 | 0,0  | 19,33 | 3,36 | 0,0 | 0,0 | 0,0 |

**Lecturers:** prof. Mgr. Katarína Žiaková, PhD., Mgr. Mária Zanolitová, PhD.

**Last change:** 05.10.2015

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |
| <b>Course ID:</b><br>JLF.ÚVZ/J-1-OS-004/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Course title:</b><br>Hygiene, Epidemiology and Nutrition |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><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><br>Scale of assessment (preliminary/final): 100/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                             |
| <b>Learning outcomes:</b><br>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><br>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. |                                                             |
| <b>Recommended literature:</b><br>Obligatory literature:<br>ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s., ISBN 80-223-2103-6<br>MÜLLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s.<br>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.<br>Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0<br><a href="https://moodle.uniba.sk">https://moodle.uniba.sk</a><br>Recommended:<br>KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.<br>ŠULCOVÁ, M. a kol. Verejné zdravotníctvo. Bratislava: VEDA, 2012, 654 s., ISBN 978-80-224-1283-4 |      |       |       |      |      |     |
| <b>Languages necessary to complete the course:</b><br>slovak, czech                                                                                                                                                                                                                                                                                                                                    |      |       |       |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                          |      |       |       |      |      |     |
| <b>Past grade distribution</b><br>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 |
| <b>Lecturers:</b> 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.                                                                                                                                                                                                        |      |       |       |      |      |     |
| <b>Last change:</b> 21.08.2020                                                                                                                                                                                                                                                                                                                                                                         |      |       |       |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                    |      |       |       |      |      |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                       |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-034/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Internal Medicine/Gerontology and Nursing (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 60 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                       |
| <b>Recommended prerequisites:</b><br>Needs of patient and Nursing process 2, Pathological Anatomy and Pathological physiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                       |
| <b>Course requirements:</b><br>90% presence on clinical practice, semestral test.<br>Scale of assessment (preliminary/final): Evaluation: A: 91-100 %, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx: 60 % and less.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands the mechanism of formation, development, symptomatology, clinical features, diagnosis, therapeutic and nursing procedures of acute and chronic diseases. Student is able to identify nursing problems of internal patient, identify nursing priority during emergency admissions and arranged admission. Student is able to apply knowledge to solving nursing problems in selected most frequently occurring diseases in internal nursing under natural conditions of clinical practice as well as on the basis of scenarios generated through case studies (in adults, the elderly, a patient with diabetes mellitus). The student is able to apply knowledge to nursing process, to implement specific nursing interventions. The students is able to develop a specific nursing and teaching plans designed to promote the patient's health status. The student is able to synthesize knowledge from medical, nursing and humanities with an emphasis on clinical condition, diagnostic, therapeutic and preventive measures.<br>The student demonstrates skills in communication with using the SBAR method. |                                                                       |
| <b>Class syllabus:</b><br>Internal Nursing. Primary, secondary and tertiary prevention of cardiovascular diseases and role of nurses in nonpharmacological treatment.<br>Cardiology I. Ischemic heart disease – acute forms.<br>Cardiology II. Ischemic heart disease – chronic forms.<br>Cardiology III. Arterial hypertension.<br>Cardiology IV. Acute states in cardiology.<br>Pneumology I. Chronic bronchitis. Chronic obstructive bronchopulmonary syndrome. Bronchial asthma.<br>Pneumology II. Pneumonia. Pulmonary tuberculosis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |

Gastroenterology I. Diseases of esophagus and diseases of stomach. Functional disorders of GI tract. Peptic ulcer disease of stomach and duodenum.  
 Gastroenterology II. Diseases of colon and rectum. Functional disorders of GI tract - obstipation, diarrhea. Nonspecific inflammatory bowel diseases. Acute and chronic pancreatitis.  
 Gastroenterology III. Hepatic diseases (chronic hepatitis, cirrhosis).  
 Endocrinology. Diseases of thyroid gland.  
 Diabetology I. Diabetes mellitus, acute and chronic complications of diabetes mellitus.  
 Diabetology II. 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:**

Bóriková, I. a kol. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál JLF UK [online]. [cit. 2014-01-22]. Dostupné z: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.  
 Bóriková, I. Ošetrovatel'ská starostlivosť o pacientov s vybranými ochoreniami dýchacieho systému [elektronický zdroj] : (vysokoškolské skriptá). 1. vyd. Martin : JLF UK, 2012. 90 s. [CD ROM]. ISBN 978-80-89544-21-9. Dostupné z: <<http://portal.jfmed.uniba.sk/clanky.php?aid=191>>.  
 Mokáň, M. a kol. Vnútorne lekárstvo. 1 diel. Bratislava : UK, 2004. 206 s. ISBN 80-223-1893-0. Vnútorne lekárstvo. 2. diel. Bratislava : UK, 2005. 255 s. ISBN 80-223-1894-9. Vnútorne lekárstvo. 3. diel. Bratislava : UK, 2005. 322 s. ISBN 80-223-1895-7.  
 Poledníková, Ľ. a kol. Geriatrické a gerontologické ošetrovatel'stvo. Martin : Vydavateľstvo Osveta, 2006. 216 s. ISBN 80-8063-208-1.  
 Vörösová, G. Ošetrovatel'ský proces v internom ošetrovatel'stve. Martin : Vydavateľstvo Osveta, 2011. 236 s. ISBN 978-8-0806-3358-5.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 67

| A    | ABS0 | B     | C     | D     | E    | FX  |
|------|------|-------|-------|-------|------|-----|
| 4,48 | 0,0  | 34,33 | 28,36 | 23,88 | 8,96 | 0,0 |

**Lecturers:** doc. Mgr. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., MUDr. Ľudovít Šutarík, CSc., MUDr. Lívia Jamrišková, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                       |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                       |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-035/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>Internal Medicine/Gerontology and Nursing (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 60 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |
| <b>Recommended prerequisites:</b><br>Internal Medicine, Gerontology and Nursing 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                       |
| <b>Course requirements:</b><br>90% presence on clinical practice, semestral test and written paper, oral exam.<br>Scale of assessment (preliminary/final): Evaluation: A: 91-100 %, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx: 60 % and less.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                       |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands the mechanism of formation, development, symptomatology, clinical features, diagnosis, therapeutic and nursing procedures for the selection, the most frequent illnesses, conditions in internal medicine. Student is able to identify nursing problems of internal patient, identify nursing priority during emergency admissions and arranged admission. Student is able to apply knowledge to solving nursing problems in selected most frequently occurring diseases. The student is able to apply knowledge to nursing process, to implement specific nursing interventions. The students is able to develop a specific nursing and teaching plans designed to promote the patient's health status. The student is able to synthesize knowledge from medical, nursing and humanities with an emphasis on clinical condition, diagnostic, therapeutic and preventive measures.<br>The student is able to communicate with the SBAR model. |                                                                       |
| <b>Class syllabus:</b><br>Systemic diseases of connective tissue.<br>Nephrology I. Inflammatory and oncology urinary diseases.<br>Nephrology II. Acute and chronic renal insufficiency.<br>Haematology I. Anaemias.<br>Haematology II. Leukaemias, haemostatic disorders.<br>Acute and chronic intoxications in internal medicine.<br>Infectology I. Transmitted diseases in internal medicine.<br>Infectology II. Tropically and travelling diseases.<br>Dermatology I. Skin changes connected with aging and lethargy process.<br>Dermatology II. Changes of skin in malfunctions of venous and arteries of low extremities.<br>Geriatric patients in internal nursing.                                                                                                                                                                                                                                                                                                                                                          |                                                                       |

Comatose states in internal medicine.  
 Clinical oncology in internal medicine.  
 Thanatology in internal medicine.  
 Nursing care about patient with diseases of urinary, haematology, dermatology, vas system, intoxications, transmitted diseases, disorder of consciousness, geriatric, oncology and terminal patient.

**Recommended literature:**

Bóriková, I. a kol. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál JLF UK [online]. [cit. 2014-01-22]. Dostupné z: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.  
 Bóriková, I. Ošetrovatel'ská starostlivosť o pacientov s vybranými ochoreniami dýchacieho systému [elektronický zdroj] : (vysokoškolské skriptá). 1. vyd. Martin : JLF UK, 2012. 90 s. [CD ROM]. ISBN 978-80-89544-21-9. Dostupné z: <<http://portal.jfmed.uniba.sk/clanky.php?aid=191>>.  
 Mokáň, M. a kol. Vnútorné lekárstvo. 1 diel. Bratislava : UK, 2004. 206 s. ISBN 80-223-1893-0. Vnútorné lekárstvo. 2. diel. Bratislava : UK, 2005. 255 s. ISBN 80-223-1894-9. Vnútorné lekárstvo. 3. diel. Bratislava : UK, 2005. 322 s. ISBN 80-223-1895-7.  
 Poledníková, Ľ. a kol. Geriatrické a gerontologické ošetrovatel'stvo. Martin : Vydavateľstvo Osveta, 2006. 216 s. ISBN 80-8063-208-1.  
 Vörösová, G. Ošetrovatel'ský proces v internom ošetrovatel'stve. Martin : Vydavateľstvo Osveta, 2011. 236 s. ISBN 978-8-0806-3358-5.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 67

| A    | ABS0 | B     | C     | D    | E    | FX  |
|------|------|-------|-------|------|------|-----|
| 7,46 | 0,0  | 34,33 | 44,78 | 5,97 | 7,46 | 0,0 |

**Lecturers:** doc. Mgr. Ivana Bóriková, PhD., prof. MUDr. Peter Galajda, CSc., MUDr. Ľudovít Šutarík, CSc., MUDr. Lívia Jamrišková, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|-------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |      |                                                  |       |      |     |     |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                               |      |                                                  |       |      |     |     |
| <b>Course ID:</b><br>JLF.ÚSLME/J-1-OS-046/17                                                                                                                                                          |      | <b>Course title:</b><br>Legal Aspects of Nursing |       |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 15<br><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>                                                                                                                                                                                 |      |                                                  |       |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                                  |       |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                                  |       |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                                  |       |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                                  |       |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                                  |       |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                                  |       |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 41                                                                                                                              |      |                                                  |       |      |     |     |
| A                                                                                                                                                                                                     | ABS0 | B                                                | C     | D    | E   | FX  |
| 19,51                                                                                                                                                                                                 | 0,0  | 48,78                                            | 21,95 | 9,76 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. MUDr. František Novomeský, PhD., doc. MUDr. Jozef Krajčovič, PhD., doc. MUDr. Martin Janík, PhD.                                                                              |      |                                                  |       |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |      |                                                  |       |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |      |                                                  |       |      |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |
| <b>Course ID:</b><br>JLF.ÚVZ/J-1-OS-038/17                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Management in Nursing |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               |
| <b>Recommended prerequisites:</b><br>-                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |
| <b>Course requirements:</b><br>control questions, papper in ppt., seminar work, exam.<br>Evaluation: A: 100–91, B: 90–81, C: 80–73, D: 72–66, E: 65–60, FX: 59 and less.<br>Scale of assessment (preliminary/final): 100/100                                                                                                                                                                                                                                             |                                               |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands functions and roles of manager in nursing.<br>He/she is able to plan, organize, manage and check activities of workers in health care facility.<br>The student is ready to confront his/her knowledge with practice.                                                                                                                                                                |                                               |
| <b>Class syllabus:</b><br>Management in nursing.<br>Nursing managers.<br>Education of nurses<br>Managerial functions in nursing<br>Planning.<br>Organizing and organization structure.<br>Leading of human resources - styles of leadership.<br>Checking<br>Time management.                                                                                                                                                                                             |                                               |
| <b>Recommended literature:</b><br><b>OBLIGATORY LITERATURE:</b><br>JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016, 156 s. ISBN 978-80-8063-447-6.<br>JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063- 347-9.<br>KILÍKOVÁ, M., JAKUŠOVÁ, V. Teória a prax manažmentu v ošetrovatel'stve. 1. vyd. Martin: Osveta, 2008, 150 s. ISBN 978-80-8063-290-8.<br><b>recommended:</b> |                                               |

|                                                                                                 |      |       |       |      |      |     |
|-------------------------------------------------------------------------------------------------|------|-------|-------|------|------|-----|
| Materiály MZ SR. Dostupné na Internet: <a href="http://www.health.gov.sk">www.health.gov.sk</a> |      |       |       |      |      |     |
| <b>Languages necessary to complete the course:</b><br>slovak                                    |      |       |       |      |      |     |
| <b>Notes:</b>                                                                                   |      |       |       |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 41                        |      |       |       |      |      |     |
| A                                                                                               | ABS0 | B     | C     | D    | E    | FX  |
| 46,34                                                                                           | 0,0  | 24,39 | 21,95 | 2,44 | 4,88 | 0,0 |
| <b>Lecturers:</b> doc. Ing. Viera Jakušová, PhD., MPH                                           |      |       |       |      |      |     |
| <b>Last change:</b> 25.08.2020                                                                  |      |       |       |      |      |     |
| <b>Approved by:</b>                                                                             |      |       |       |      |      |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                             |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |
| <b>Course ID:</b><br>JLF.ÚCJ/J-1-OS-007/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course title:</b><br>Medical Terminology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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><br>2 written tests and final written exam, minimum percentage to pass is 60%<br>Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60%<br>Scale of assessment (preliminary/final): Written tests - min. 60% Final classification involves student's credits (rated 40%) and written exam result (rated 60%)                                                                                                                                                    |                                             |
| <b>Learning outcomes:</b><br>The aim of Latin teaching is to acquire terminological competence, i.e. capacity of accurate and correct usage of medical language at work with terminological materials presented in oral and written way, as well as acquisition of basic knowledge of general medical terminology.                                                                                                                                                                                                        |                                             |
| <b>Class syllabus:</b><br>1. Historical and linguistic introduction into medical Latin. 1st Latin and Greek declension.<br>2. 2nd Latin and Greek declension.<br>3. 3rd Latin consonant declension.<br>4. 3rd Latin consonant declension.<br>5. 4th and 5th Latin declension.<br>6. Adjectives of the 3rd declension.<br>7. TEST I.<br>8. Comparison of adjectives.<br>9. 3rd Greek declension.<br>10. Numerals. Latin medical prescription.<br>11. Prefixes.<br>12. Suffixes. Adverbs.<br>13. Compounds.<br>14. TEST II. |                                             |
| <b>Recommended literature:</b><br>Bujalková, M., Šimon, F.: TERMINOLOGIA MEDICA LATINA. Učebnica lekárskej terminológie pre študentov medicíny. Martin: Vydavateľstvo Osveta 2019. 236 s.<br>3. doplnené a upravené vydanie. ISBN 978-80-8063-480-3<br>Bujalková, M.: Lekárska terminológia v súčasnom a historickom kontexte. Bratislava: Univerzita Komenského 2009 (1.vyd.) a 2011 (2.vyd.). 96 s.                                                                                                                     |                                             |

|                                                                                                                                    |      |       |      |       |       |     |
|------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------|-----|
| Kábrt, J., Kábrt, J., jr.: Lexicon medicum. 3. doplněné a přepracované vydání. Praha: Galén 2015. 917 s.                           |      |       |      |       |       |     |
| <b>Languages necessary to complete the course:</b><br>Slovak and Latin language                                                    |      |       |      |       |       |     |
| <b>Notes:</b>                                                                                                                      |      |       |      |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 121                                                          |      |       |      |       |       |     |
| A                                                                                                                                  | ABS0 | B     | C    | D     | E     | FX  |
| 19,83                                                                                                                              | 0,0  | 35,54 | 15,7 | 18,18 | 10,74 | 0,0 |
| <b>Lecturers:</b> PhDr. Mária Bujalková, CSc., Mgr. Miroslav Čovan, PhD., Mgr. Nora Malinovská, PhD., Mgr. Samuel Javornický, PhD. |      |       |      |       |       |     |
| <b>Last change:</b> 23.09.2019                                                                                                     |      |       |      |       |       |     |
| <b>Approved by:</b>                                                                                                                |      |       |      |       |       |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |
| <b>Course ID:</b><br>JLF.ÚMI/J-1-OS-009/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>Microbiology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><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><br>- it is obligatory to be present at practicals (1 absence is tolerated)<br>- test during the semester (min. 60 %)<br>Exam: End study evaluation of students is based on written exam – test. Minimal cut off level is 60%.<br>Scale of assessment (preliminary/final): 0 % / 100 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |
| <b>Learning outcomes:</b><br>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><br>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><br>Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.<br>Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s.<br>Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s.<br>Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9.<br>Nováková E, Porubská A, Kompaniková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s.<br>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: 122

| A     | ABS0 | B     | C     | D    | E   | FX  |
|-------|------|-------|-------|------|-----|-----|
| 39,34 | 0,0  | 32,79 | 18,03 | 5,74 | 4,1 | 0,0 |

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

**Last change:** 11.12.2018

**Approved by:**

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-039/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Course title:</b><br>Neurology and Nursing |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 30 / 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |
| <b>Recommended prerequisites:</b><br>Surgery and nursing 2, Internal medicine, gerontology and nursing 2, Psychiatry, mental health and nursing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |
| <b>Course requirements:</b><br>Student will be successful in subject if fill up condition of partial evaluation – successful writing of test, termly work.<br>Final evaluation is oral examination, minimal successfulness is 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 74–80 %, D: 66-73 %, E: 60–65 %, FX: 59 % and less                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |
| <b>Learning outcomes:</b><br>Student after complete a subject will acquire basic information about characteristics, diagnostic, pathogenesis clinical picture, treatment and specific nursing care with selected neurological diseases. Information acquired during lecture will be able to apply in solving of case study and health problems in neurologic patients. Student will be able to identify nursing problem in patient with concrete neurologic disease via seminars. Student will be able to give an appropriate individualized nursing care to patients including documentation of health care.<br>The student is able to communicate of the SBAR model.                                                                                                                                                                                                                                                                     |                                               |
| <b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- Introduction to neurology. Common neurological tests and investigations.</li> <li>- Brain stroke disease.</li> <li>- Headache. Consciousness changes.</li> <li>- Epilepsy. Paroxysmal diseases.</li> <li>- Infectious and immunogenic diseases of central nervous system.</li> <li>- Motor neurone disease and lumbago.</li> <li>- Neurodegenerative diseases of brain. Diagnostics and treatment of dementia.</li> <li>- Multiple sclerosis.</li> <li>- Nursing care of patient with neurological diseases. Nursing assessment.</li> <li>- Specific documentation of nursing care in patients with neurological disease.</li> <li>- Specific nursing care of patients before, during and after neurological tests and investigations. Lumbar puncture.</li> <li>- Nursing care of patient with falling risk in neurological disease as are multiple sclerosis,</li> </ul> |                                               |

Parkinson's disease, brain stroke, motor neuron's disease, epilepsy. Screening risk of fall and risk factors for falling in medical diagnosis, nursing diagnosis and preventive nursing interventions for reduction risk for falling.

- Nursing care of patient with epilepsy.
- Headache – nursing assessment and nursing care.
- Nursing care of patient with tumour of brain and consciousness changes.
- Nursing care of patient with multiple sclerosis. Education of patient and family member.
- Nursing care of patient after brain stroke and in patients with paresis.
- Nursing care of patient with Parkinson's disease.
- Nursing care of patient with lumbago and motor neuron disease.
- Specific nursing care of patient with neurodegenerative disease and infectious disease of central nervous system.

#### **Recommended literature:**

Miertová, M., Kurča, E., Tomagová, M. a kol. Ošetrovatel'stvo v neurológii. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, 2014. Dostupné na: <http://osevneu.jfmed.uniba.sk/>. ISBN 978-80-89544-71-4.

Bednařík, J., Ambler, Z., Růžička, E. a kol. Klinická neurologie – část speciální I, II. Praha: Triton, 2010. 1277 s. ISBN 978-80-7387-389-9.

Brozman, M. a kol. Neurologia. Učebnica pre zdravotnícke odbory univerzitného štúdia. Martin: Osveta, 2011. 188 s. ISBN 978-80-806-3349-4.

Tyrlíková, I., Bareš, M. a kol. Neurologie pro nelékařské obory. Brno: Národní centrum ošetrovatelství a nelékařských zdravotnických oborů, 2012. 305 s. ISBN 978-80-7013-540-2.

Slezáková, Z. Neurologické ošetrovatel'stvo. Martin: Osveta, 2006. 165 s. ISBN 80-8063-218-9.

Gurková, E., Žiaková, K., Čáp, J. a kol. Vybrané ošetrovatel'ské diagnózy v klinickej praxi.

Martin: Osveta, 2009. 243 s. ISBN 978-80-8063-30-0.

Kapounová, G. Ošetrovatelství v intenzivní péči. 1. vyd. Praha: Grada Publishing, a.s., 2007. 352 s. ISBN 978-80-247-1830-9.

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

Slovak language

#### **Notes:**

#### **Past grade distribution**

Total number of evaluated students: 41

| A     | ABS0 | B     | C    | D   | E   | FX  |
|-------|------|-------|------|-----|-----|-----|
| 60,98 | 0,0  | 29,27 | 9,76 | 0,0 | 0,0 | 0,0 |

**Lecturers:** Mgr. Michaela Miertová, PhD., prof. MUDr. Egon Kurča, PhD., FESO, doc. MUDr. Vladimír Nosál, PhD., FESO, doc. MUDr. Štefan Sivák, PhD., doc. MUDr. Ema Kantorová, PhD., MUDr. Monika Turčanová Koprušáková, PhD.

**Last change:** 17.10.2017

**Approved by:**

## STATE EXAM DESCRIPTION

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

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| health team. He is capable of developing nursing practice, critical thinking and exploiting results of the research.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Class syllabus:</b><br>Theoretical part:<br>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.<br>Specifics of nursing care in internal medicine, surgery, pediatrics, gynecology and obstetrics, neurology, psychiatry, in community nursing in relation to:<br>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.<br>Practical part:<br>Providing the individualized nursing care by the method of nursing process in the selected clinical environment.<br>Performing the standard nursing procedures and techniques according to the nursing competency.<br>Performing the records into the health documentation of patient.<br>Performing the education of patient and relatives. |
| <b>State exam syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Recommended literature:</b><br>Study literature for the nursing study program. Available from:<br><a href="https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinna_odporucana_literatura/literatura19-20/osetrovatelstvo_-_bakalarske_studium__6_.pdf">https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinna_odporucana_literatura/literatura19-20/osetrovatelstvo_-_bakalarske_studium__6_.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Last change:</b> 11.11.2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-012/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Nursing I. (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 30 / 15<br><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><br>Needs of the patient and the nursing process 1, Philosophy in nursing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                        |
| <b>Course requirements:</b><br>Evaluation criteria - 2 written tests, the minimum percentage to succeed: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |
| <b>Learning outcomes:</b><br>After completion of the subject the student knows and follows legal standards for the profession of nurse, understands ethical and professional standards and their implementation in practice. Student is also able to apply knowledge of classification systems in nursing in clinical practice as well as to control the process of creating standards of care and maps. He/she can provide nursing care implementing selected nursing models.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |
| <b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- Functions of nurses and nurse role. Function of nursing, working methods in clinical settings, European strategy of WHO for nursing and midwife education.</li> <li>- Professional chamber and its meaning, A registration and regulation of nursing profession. Basic documents of nursing profession and their impact on nursing education.</li> <li>- Standardized nursing terminology and classifications in nursing: NANDA, NIC, NOC.</li> <li>- Standards, their creating and implementing in nursing practice. The methodology for creating standards – structural criteria, criteria of the process and evaluation. Nursing audit methodology. Importance of standardization of nursing care, quality of nursing care.</li> <li>- Clinical Pathways and guidelines.</li> <li>- Florence Nightingale - features of period and conditions influenced Nightingale's environmental model, central components. A significance of Nightingale's work.</li> <li>- Structure and content of nursing paradigm. A classification of nursing conceptual models and theories.</li> <li>- Virginia Henderson model - central components. Definitions of basic concepts, the definition of nursing. Needs in Henderson's work. Specific features of nursing process according to Henderson.</li> </ul> |                                        |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

FARKAŠOVÁ, D. a kol. Ošetrovatel'stvo – teória. 2. dopl. vyd. Martin : Vydavateľstvo Osveta, 2005. s. 189. ISBN 80 -8063-182-4.

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] Dostupný z www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=107>>. ISSN 1337-7396.

Koncepcia odboru ošetrovatel'stva vydaná MZ SR dňa 29. mája 2006.

KONTOVÁ, I. a kol. Štandardy v ošetrovatel'stve. 1. vyd. Martin : Vydavateľstvo Osveta, 2005. 215 s. ISBN 80-80631-98-0.

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.

NEMČEKOVÁ, M., ŽIAKOVÁ, K., MIŠTUNA, D. Práva pacientov : Medicínske, ošetrovatel'ské a filozoficko-etické súvislosti. 1. vyd. Martin : Vydavateľstvo Osveta, 2004. 213 s. ISBN 80-8063-162-X.

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.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovatel'stve. 1. vyd. Martin : Vydavateľstvo Osveta, 2008. 197 s. ISBN 978-80-8063-270-0.

VÖRÖSOVÁ, G. a kol. Klasifikačné systémy a štandardizácia terminológie v ošetrovatel'stve. 1. vyd. Martin : Vydavateľstvo Osveta, 2007. 113 s. ISBN 978-80-8063-242-7.

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

Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovatel'skej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne a v spolupráci s lekárom.

ŽIAKOVÁ, K. a kol. Ošetrovatel'ské konceptuálne modely. 1. slov. vyd. Martin : Vydavateľstvo Osveta, 2007. 190 s. ISBN 978-80-8063-247-2.

ŽIAKOVÁ, K. a kol. Ošetrovatel'stvo : Teória a vedecký výskum. 2. vyd. Martin : Vydavateľstvo Osveta, 2009. 319 s. ISBN 978-80-8063-304-2.

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. 2014-01-21] Dostupný z  
www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=189>>. ISSN 1337-7396.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 121

| A     | ABS0 | B     | C     | D    | E    | FX  |
|-------|------|-------|-------|------|------|-----|
| 14,88 | 1,65 | 38,02 | 35,54 | 7,44 | 2,48 | 0,0 |

**Lecturers:** prof. Mgr. Katarína Žiaková, PhD.

**Last change:** 21.09.2016

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-013/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Nursing I. (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                         |                                        |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |
| <b>Recommended prerequisites:</b><br>Nursing I-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |
| <b>Course requirements:</b><br>Evaluation criteria - 2 written tests and 1 exam, the minimum percentage to succeed: 60 %.<br>Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                        |                                        |
| <b>Learning outcomes:</b><br>After completion of the subject the student knows and follows legal standards for the profession of nurse, understands ethical and professional standards and their implementation in practice. Student is also able to apply knowledge of classification systems in nursing in clinical practice and to control the process of creating standards of care and maps. He/she can provide nursing care implementing selected nursing models.                                                                                                          |                                        |
| <b>Class syllabus:</b><br>- Biomedical model.<br>- Gordon's functional and dysfunctional health patterns.<br>- Orem's conceptual model of self-care - historical background; developmental aspects and factors; central components, nursing process specifics.<br>- Multicultural nursing issues. Leininger's model - historical background; developmental aspects and factors; central components, nursing process specifics.<br>- Evidence Based Nursing.<br>- Tools of assessment in nursing.<br>- Plans of nursing care.                                                     |                                        |
| <b>Recommended literature:</b><br>BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z www: < <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=251">http://portal.jfmed.uniba.sk/clanky.php?aid=251</a> >. ISSN 1337-7396.<br>FARKAŠOVÁ, D. a kol. Ošetrovatel'stvo – teória. 2. dopl. vyd. Marin : Vydavateľstvo Osveta, 2005. s. 189. ISBN 80 -8063-182-4. |                                        |

GURKOVÁ, E. Vybrané kapitoly z ošetrovateľskej teórie I. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 2.2.2010, posledná aktualizácia 20.9.2012 [cit. 2014-01-21] Dostupný z www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=107>>. ISSN 1337-7396.

Koncepcia odboru ošetrovateľstva vydaná MZ SR dňa 29. mája 2006.

KONTOVÁ, L. a kol. Štandardy v ošetrovateľstve. 1. vyd. Martin : Vydavateľstvo Osveta, 2005. 215 s. ISBN 80-80631-98-0.

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.

NEMČEKOVÁ, M., ŽIAKOVÁ, K., MIŠTUNA, D. Práva pacientov : Medicínske, ošetrovateľské a filozoficko-etické súvislosti. 1. vyd. Martin : Vydavateľstvo Osveta, 2004. 213 s. ISBN 80-8063-162-X.

Odborné usmernenie MZ SR č. 05354/2005 - OO o riadení poskytovania ošetrovateľskej starostlivosti v ústavnom zdravotníckom zriadení zo dňa 7. februára 2005. Vestník MZSR 4-7/2005.

Odborné usmernenie MZ SR č. 07547/2007- OZSO o poskytovaní domácej zdravotnej starostlivosti zo dňa 26. februára 2007. Vestník MZSR 8-10/2007.

Odborné usmernenie MZ SR č. 16138-2/2004- OO pre tvorbu, implementáciu a hodnotenie štandardov v ošetrovateľstve a pôrodnej asistencii zo dňa 30. augusta 2004. Vestník MZ SR osobitné číslo/2004.

Odborné usmernenie MZ SR č. 41978/2005 - OO o vedení ošetrovateľskej dokumentácie zo dňa 20. júna 2005. Vestník MZSR 35-46/2005.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovateľstve. 1. vyd. Martin : Vydavateľstvo Osveta, 2008. 197 s. ISBN 978-80-8063-270-0.

VÖRÖSOVÁ, G. a kol. Klasifikačné systémy a štandardizácia terminológie v ošetrovateľstve. 1. vyd. Martin : Vydavateľstvo Osveta, 2007. 113 s. ISBN 978-80-8063-242-7.

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

Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah praxe pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne a v spolupráci s lekárom.

ŽIAKOVÁ, K. a kol. Ošetrovateľské konceptuálne modely. 1. slov. vyd. Martin : Vydavateľstvo Osveta, 2007. 190 s. ISBN 978-80-8063-247-2.

ŽIAKOVÁ, K. a kol. Ošetrovateľstvo : Teória a vedecký výskum. 2. vyd. Martin : Vydavateľstvo Osveta, 2009. 319 s. ISBN 978-80-8063-304-2.

ŽIAKOVÁ, K. Vybrané kapitoly z ošetrovateľskej teórie II. Multimediálna podpora výučby klinických a zdravotníckych disciplín :: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 17.7.2012, posledná aktualizácia 28.5.2013 [cit. 2014-01-21] Dostupný z www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=189>>. ISSN 1337-7396.

**Languages necessary to complete the course:**

**Notes:**

|                                                     |      |       |       |      |       |     |
|-----------------------------------------------------|------|-------|-------|------|-------|-----|
| <b>Past grade distribution</b>                      |      |       |       |      |       |     |
| Total number of evaluated students: 67              |      |       |       |      |       |     |
| A                                                   | ABS0 | B     | C     | D    | E     | FX  |
| 22,39                                               | 0,0  | 22,39 | 22,39 | 20,9 | 11,94 | 0,0 |
| <b>Lecturers:</b> prof. Mgr. Katarína Žiaková, PhD. |      |       |       |      |       |     |
| <b>Last change:</b> 21.09.2016                      |      |       |       |      |       |     |
| <b>Approved by:</b>                                 |      |       |       |      |       |     |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-040/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Nursing Practice (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 6 <b>per level/semester:</b> 90<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                              |
| <b>Course requirements:</b><br>Subject completion is based on ongoing student evaluation during nursing practice in the following areas: (1) theoretical knowledge, (2) practical skills, (3) performing nursing process method (OSP) and nursing documentation; student must achieve at least 60 %. Evaluation: A: 91 – 100 %, B: 81 – 90 %, C: 73 – 80 %, D: 66 – 72 %, E: 60 – 65 %, Fx: less than 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |
| <b>Learning outcomes:</b><br>Within completion of the subject student applies fundamental principles of nursing care provision and standard procedures of selected nursing techniques and interventions while providing nursing care to the patients in real conditions of clinical nursing practice. Student implements reliable information for safe healthcare practice.<br>Within completion of the subject student synthesizes the knowledge from prerequisite disciplines and applies them to real clinical nursing practice. Student improves his/her skills in the implementation of basic nursing techniques, procedures and interventions while providing individualized nursing care to patients with selected diseases and conditions in surgery and internal medicine. With an emphasis on a holistic approach to the patient the student improves his/her skills in the implementation of nursing process in real conditions of clinical nursing practice – to be able 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 uses structured and standardized method of SBAR communication to communicate (critical) events in clinical nursing practice effectively and efficiently.<br>After completion of the subject student is able to 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 continuity of nursing care within the context of primary, secondary and tertiary health care, to affect patient's health awareness and compliance in positive manner, convince him/her to participate actively in health promotion, health maintenance and health restoration.<br>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 react to them correctly in real clinical practice in the future.

**Class syllabus:**

Implementation of a nursing process method to the care of surgical patient

Implementation of a nursing process method to the care of patient with internal diseases

Nursing history / anamnesis focused on the disease of specific body system in internal medicine and surgery

Nursing physical examination

Performance of basic nursing techniques and procedures:

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

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

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

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

#Therapeutic use of heat and cold.

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

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

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

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

#Oxygen therapy and respiratory inhalation (nebulization, inhalations).

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

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

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

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

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

**Recommended literature:**

- Bóriková, I., Tomagová, M., Žiaková, K.: Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.
- Doengens, M. E., Moorhouse, M. F.: Kapesní průvodce zdravotní sestry. 2. vyd. Praha : Grada Publishing, 2001. 568 s. ISBN 80-247-0242-8.
- Gomolčáková, V. a kol.: Rámcové procesuálne štandardy ošetrovateľských výkonov I.-VII. Mimoriadna príloha Zdravotníckych novín a časopisu Sestra 1. vyd. Bratislava : MZ SR, 2004-2006.
- Gurková, E., Žiaková, K., Čáp, J. a kol.: Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin : Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.
- Herdman, H.T. (editor): Ošetrovateľské diagnózy. Definície a klasifikácie 2012 – 2014. 1. vyd. Praha : Grada, 2013. 550 s. ISBN 978-80-247-4328-8.
- Kontrová, L., Záčeková, M., Hulková, V. a kol.: Štandardy v ošetrovatel'stve. 1 vyd. Martin : Osveta, 2005. 216 s. ISBN 80-8063-198-0.
- Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovatel'stvo 1.,2. 1. vyd. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.
- Krišková, A. a kol.: Ošetrovateľské techniky. 1. vyd. Martin : Osveta, 2001. 804 s. ISBN 80-8063-087-9.
- Marečková, J.: Ošetrovateľské diagnózy v NANDA doménach. 1. vyd. Praha : Grada Publishing, 2006. 264 s. ISBN 80-247-1399-3.
- Miertová, M., Žiaková, K., Ovšonková, A. a kol.: Multimediálna vysokoškolská učebnica techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 2015. 672 s. ISBN 978-80-89544-88-2. Dostupné na internete: <<http://e-knihy.jfmed.uniba.sk/knihy/ostech/>>.
- Osacká, P. a kol.: Techniky a postupy v ošetrovatel'stve. 1.vyd. UK v Bratislave, JLF v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.
- Tomagová, M., Bóriková, I. a kol.: Potreby v ošetrovatel'stve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

**Languages necessary to complete the course:**

Slovak language

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

Total number of evaluated students: 69

| A     | ABS0 | B     | C     | D   | E   | FX  |
|-------|------|-------|-------|-----|-----|-----|
| 27,54 | 2,9  | 28,99 | 31,88 | 8,7 | 0,0 | 0,0 |

**Lecturers:** Mgr. Martina Lepiešová, PhD., Mgr. Michaela Miertová, PhD., PhDr. Jana Nemcová, PhD., Mgr. Edita Hlinková, PhD., doc. Mgr. Ivana Bóriková, PhD., Mgr. Ivan Farský, PhD., doc. Mgr. Martina Tomagová, PhD.

**Last change:** 17.10.2017**Approved by:**

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-041/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Nursing Practice (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 16 <b>per level/semester:</b> 240<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Recommended prerequisites:</b><br>Surgery and Nursing 2, Internal Medicine/Gerontology and Nursing 2, Psychiatry, Mental Health and Nursing, Nursing Practice 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Course requirements:</b><br>Subject completion is based on ongoing student evaluation during nursing practice in the following areas: (1) theoretical knowledge, (2) practical skills, (3) performing nursing process method (OSP) and nursing documentation; student must achieve at least 60 %. Evaluation: A: 91 – 100 %, B: 81 – 90 %, C: 73 – 80 %, D: 66 – 72 %, E: 60 – 65 %, Fx: less than 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |
| <b>Learning outcomes:</b><br>Within completion of the subject student synthesizes the knowledge from various medical and nursing disciplines, and humanities and applies them to real clinical nursing practice with an emphasis on implementation of reliable evidence-based information for safe healthcare practice. Student improves 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.<br>With an emphasis on a holistic approach to the patient the student is able to 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 uses structured and standardized method of SBAR communication to communicate (critical) events in clinical nursing practice effectively and efficiently.<br>After completion of the subject student is able to 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 continuity of nursing care within the context of primary, secondary and tertiary health care, to affect patient's health awareness and compliance in positive manner, convince him/her to participate actively in health promotion, health maintenance and health restoration.<br>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 react to them correctly in real clinical practice in the future.

**Class syllabus:**

Surgical units:

Implementation of a nursing process method to the care of surgical patient

Infection in surgery

Parenteral nutrition in surgery

Enteral nutrition in surgery

Perioperative care – preoperative and intraoperative period (preoperative preparation of surgical patient)

Perioperative care – postoperative period

Prevention of postoperative respiratory complications

Prevention of thromboembolism

Nursing care of trauma and orthopaedic patient

Wound care – aseptic wounds

Internal medicine units:

Implementation of a nursing process method to the care of patient with internal diseases

Nursing history / anamnesis focused on the disease of specific body system in internal medicine

Nursing physical examination

Validated assessment and evaluation tools in internal nursing (scales and techniques)

Specimen taking, sampling and testing – blood and urine samples

Specimen taking, sampling and testing – samples of stool, sputum, gastric, pancreatic, and duodenal juices, bile, swabs

Patient preparation, assistance in and after care concerning invasive investigatory/examination methods

Patient preparation, assistance in and after care concerning endoscopies

Patient preparation, assistance in and after care concerning punctures

Psychiatric units:

Implementation of a nursing process method to the care of mentally ill patient

The specifics of the nursing physical examination in mentally ill patient

The specifics of specimen taking, sampling and testing

The specifics of administration of oral medications, parenteral medications

Patient preparation, assistance in and after care regarding ECT

Psychiatric rehabilitation

Paediatric units:

Implementation of a nursing process method to the care of a child

Hygienic care of a child

Ways and means of child nutrition

Administration of medications to children

The specifics of specimen taking, sampling and testing in children

**Recommended literature:**

Bóriková, I., Tomagová, M., Žiaková, K.: Meracie nástroje v gerontologickom ošetrovatel'stve.

Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

Doengens, M. E., Moorhouse, M. F.: Kapesní průvodce zdravotní sestry. 2. vyd. Praha : Grada Publishing, 2001. 568 s. ISBN 80-247-0242-8.

Gomolčáková, V. a kol.: Rámcové procesuálne štandardy ošetrovateľských výkonov I.-VII. Mimoriadna príloha Zdravotníckych novín a časopisu Sestra 1. vyd. Bratislava : MZ SR, 2004-2006.

Gurková, E., Žiaková, K., Čáp, J. a kol.: Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin : Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.

Herdman, H.T. (editor): Ošetrovateľské diagnózy. Definície a klasifikácie 2012 – 2014. 1. vyd. Praha : Grada, 2013. 550 s. ISBN 978-80-247-4328-8.

Kontrová, L., Záčeková, M., Hulková, V. a kol.: Štandardy v ošetrovateľstve. 1 vyd. Martin : Osveta, 2005. 216 s. ISBN 80-8063-198-0.

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1.,2. 1. vyd. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

Krišková, A. a kol.: Ošetrovateľské techniky. 1. vyd. Martin : Osveta, 2001. 804 s. ISBN 80-8063-087-9.

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

Miertová, M., Žiaková, K., Ovšonková, A. a kol.: Multimediálna vysokoškolská učebnica techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Dostupné na internete: <<http://e-knihy.jfmed.uniba.sk/knihy/ostech/>>.

Osacká, P. a kol.: Techniky a postupy v ošetrovateľstve. 1.vyd. UK v Bratislave, JLF v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.

Tomagová, M., Bóriková, I. a kol.: Potreby v ošetrovateľstve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 41

| A    | ABS0 | B     | C     | D    | E   | FX  |
|------|------|-------|-------|------|-----|-----|
| 9,76 | 0,0  | 48,78 | 34,15 | 7,32 | 0,0 | 0,0 |

**Lecturers:** Mgr. Martina Lepiešová, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-048/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Nursing Practice (3) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 16 <b>per level/semester:</b> 240<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Recommended prerequisites:</b><br>Nursing Practice 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              |
| <b>Course requirements:</b><br>Subject completion is based on ongoing student evaluation during nursing practice in the following areas: (1) theoretical knowledge, (2) practical skills, (3) performing nursing process method (OSP) and nursing documentation; student must achieve at least 60 %. Evaluation: A: 91 – 100 %, B: 81 – 90 %, C: 73 – 80 %, D: 66 – 72 %, E: 60 – 65 %, Fx: less than 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |
| <b>Learning outcomes:</b><br>Within completion of the subject student synthesizes the knowledge from various medical and nursing disciplines, and humanities and applies them to real clinical nursing practice with an emphasis on implementation of reliable evidence-based information for safe healthcare practice. Student improves 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.<br>With an emphasis on a holistic approach to the patient the student is able to 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 uses structured and standardized method of SBAR communication to communicate (critical) events in clinical nursing practice effectively and efficiently.<br>After completion of the subject student is able to 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 continuity of nursing care within the context of primary, secondary and tertiary health care, to affect patient's health awareness and compliance in positive manner, convince him/her to participate actively in health promotion, health maintenance and health restoration.<br>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 react to them correctly in real clinical practice in the future.

**Class syllabus:**

Surgical units:

Nursing care preferences in acute admission of a surgical patient

Nursing care management in planned elective admission of a surgical patient

Aseptic techniques and practices – operation theatres, small surgical procedures

Wound care – septic wounds

Wound care – chronic wounds

Drains and drainage systems

Nursing care provided to a stoma patient (colostomy, ileostomy and urinary stoma)

Nursing care provided to a patient with tracheostomy

Special nursing techniques and procedures in surgical intensive care unit (ICU)

Internal medicine units:

Infusions

Transfusions

Preparation and application of injections – parenteral administration of medications

Insulin therapy

Administration of medications to the airways and oxygen therapy

End-of-life care of a patient, post-mortem care

Disuse syndrome prevention

Patient education focused on therapeutic regimen maintenance

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., Tomagová, M., Žiaková, K.: Meracie nástroje v gerontologickom ošetrovatel'stve.

Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

Doengens, M. E., Moorhouse, M. F.: Kapesní průvodce zdravotní sestry. 2. vyd. Praha : Grada Publishing, 2001. 568 s. ISBN 80-247-0242-8.

Gomolčáková, V. a kol.: Rámcové procesúálne štandardy ošetrovateľských výkonov I.-VII. Mimoriadna príloha Zdravotníckych novín a časopisu Sestra 1. vyd. Bratislava : MZ SR, 2004-2006.

Gurková, E., Žiaková, K., Čáp, J. a kol.: Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin : Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.

Herdman, H.T. (editor): Ošetrovateľské diagnózy. Definície a klasifikácie 2012 – 2014. 1. vyd. Praha : Grada, 2013. 550 s. ISBN 978-80-247-4328-8.

Kontrová, L., Záčeková, M., Hulková, V. a kol.: Štandardy v ošetrovateľstve. 1 vyd. Martin : Osveta, 2005. 216 s. ISBN 80-8063-198-0.

Kozierová, B., Erbová, G., Olivierová, R.: Ošetrovateľstvo 1.,2. 1. vyd. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

Krišková, A. a kol.: Ošetrovateľské techniky. 1. vyd. Martin : Osveta, 2001. 804 s. ISBN 80-8063-087-9.

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

Miertová, M., Žiaková, K., Ovšonková, A. a kol: Multimediálna vysokoškolská učebnica techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Dostupné na internete: <<http://e-knihy.jfmed.uniba.sk/knihy/ostech/>>.

Osacká, P. a kol.: Techniky a postupy v ošetrovateľstve. 1.vyd. UK v Bratislave, JLF v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.

Tomagová, M., Bóriková, I. a kol.: Potreby v ošetrovateľstve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 44

| A     | ABS0 | B     | C    | D    | E   | FX  |
|-------|------|-------|------|------|-----|-----|
| 43,18 | 9,09 | 38,64 | 4,55 | 4,55 | 0,0 | 0,0 |

**Lecturers:** Mgr. Martina Lepiešová, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-029/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Nursing Research (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                              |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                              |
| <b>Recommended prerequisites:</b><br>Patient's needs and the nursing process 2, Health Education 2, Nursing I-2, Philosophy and Ethics in Nursing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |
| <b>Course requirements:</b><br>The evaluation of students takes the form of a written test and elaboration the first part of the research project to bachelor thesis.<br>A / 1 = 91 – 100 %; B / 1,5 = 81 – 90 %; C / 2 = 73 – 80 %; D / 2,5 = 66 – 72 %; E / 3 = 60 – 65 %; Fx = less than 60 %<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Learning outcomes:</b><br>Completing the course the student gains knowledge of scientific methods in nursing. He can search for literature sources, to establish a research problem, choose the adequate research methods. He is familiar with ethical requirements for research on human subjects. He can apply the research results to practice. Based on this knowledge he is capable of handling with thesis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
| <b>Class syllabus:</b><br>Basic principles of science. Nursing as a science. Scientific methods and their classification. Ethical aspects of nursing research.<br>Work with scientific literature and other documents. Searching of literary sources. Processing and storage of scientific informations.<br>Cited in the text and list of bibliographic references. Basic relations: a document, reference, citation (methodology, representativeness of source selection, ethical aspects of working with literature).<br>Research project and its phases. Characteristics of phases of the research process.<br>Formulation of research problems, questions and hypotheses. Problems in nursing research, research design solutions, methods.<br>Criteria for appropriate research tool.<br>Questionnaire. Purpose, structure, the compilation of the questionnaire, a pilot study. Processing questionnaire.<br>Interview. Introduction phase, issues, types, methods of assessment. |                                              |

Experiment. Criteria for experimental study in nursing research. Selection of topics, working hypothesis, the objective of the experiment. Choice of methodology. Evaluation of the results, discussion, generalization of knowledge.

Observation. Stages, types, structured, unstructured observation. Assessment scales. Records. Observer training.

Qualitative Methods. Qualitative Data Analysis. Case Study Methodology. Preparation and use. Interpretation of the data, discussion, conclusions.

Form and content of the thesis. Processing methodology.

Presentation of results - verbal, written. Scientific language and style of work. Preparing presentations. The principles of good presentation.

#### **Recommended literature:**

GAVORA, P. a kol. Elektronická učebnica pedagogického výskumu. [online]. Bratislava : Univerzita Komenského, 2010. Dostupné na: <http://www.e-metodologia.fedu.uniba.sk/> ISBN 978-80-223-2951-4.

LAJČIAKOVÁ, P. – TABAČKOVÁ, K. Ako spracovať výskum. Ružomberok : Verbum, 2010. 180 s.

PUNCH, K.F. Úspěšný návrh výzkumu. Praha : Portál, 2008. 232 s.

SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava : Ikar, 2005. 327 s.

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] Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=234>>.

ŽIAKOVÁ K. a kol. Ošetrovatel'stvo : Teória a vedecký výskum. 2. vyd. Martin : Vydavateľstvo Osveta, 2009. 319 s.

ŽIAKOVÁ, K. a kol. Ošetrovatel'ský slovník. Martin : Vydavateľstvo Osveta, 2009. 218 s.

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

Slovak language

#### **Notes:**

#### **Past grade distribution**

Total number of evaluated students: 66

| A     | ABS0 | B     | C     | D    | E    | FX  |
|-------|------|-------|-------|------|------|-----|
| 33,33 | 0,0  | 39,39 | 15,15 | 6,06 | 6,06 | 0,0 |

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

**Last change:** 21.09.2016

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-042/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Nursing Research (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |
| <b>Recommended prerequisites:</b><br>Nursing research 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Course requirements:</b><br>Evaluation of students is based on elaboration of the research project (Part II) and the first chapters of the final thesis.<br>$A / 1 = 91 - 100 \%$ ; $B / 1,5 = 81 - 90 \%$ ; $C / 2 = 73 - 80 \%$ ; $D / 2,5 = 66 - 72 \%$ ; $E / 3 = 60 - 65 \%$ ; $F_x = \text{less than } 60 \%$                                                                                                                                                                                                                                                              |                                              |
| <b>Learning outcomes:</b><br>Completing the course the student gains knowledge of scientific methods in nursing. He can specify a research sample, to analyse the collected data based on statistical methods and qualitative data analysis. He is familiar with ethical requirements for research on human subjects. He can apply the research results to practice. Based on this knowledge he is capable of handling with thesis.                                                                                                                                                 |                                              |
| <b>Class syllabus:</b><br>- The ethical requirements for research on human subjects.<br>The sample specification. Description of the sample.<br>- The methods of obtaining empirical data.<br>- The method of analysing empirical data (quantitative and qualitative analysis).<br>- Descriptive statistics and its use in data processing. Absolute numbers, relative numbers. Average, median, min, max, standard deviation.<br>- Qualitative Data Analysis.<br>- Presentation of findings. Creating tables and graphs.<br>Preparation and processing of obtained empirical data. |                                              |
| <b>Recommended literature:</b><br>GAVORA, P. a kol. Elektronická učebnica pedagogického výskumu. [online]. Bratislava : Univerzita Komenského, 2010. Dostupné na: <a href="http://www.e-metodologia.fedu.uniba.sk/">http://www.e-metodologia.fedu.uniba.sk/</a> ISBN 978-80-223-2951-4.<br>LAJČIAKOVÁ, P. – TABAČKOVÁ, K. Ako spracovať výskum. Ružomberok : Verbum, 2010. 180 s.<br>PUNCH, K.F. Úspěšný návrh výzkumu. Praha : Portál, 2008. 232 s.                                                                                                                                |                                              |

| <p>SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava : Ikar, 2005. 327 s.</p> <p>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] Dostupný z WWW: &lt;<a href="http://portal.jfmed.uniba.sk/clanky.php?aid=234">http://portal.jfmed.uniba.sk/clanky.php?aid=234</a>&gt;.</p> <p>ŽIAKOVÁ K. et al. Ošetrovateľstvo : Teória a vedecký výskum. 2. vyd. Martin : Vydavateľstvo Osveta, 2009. 319 s.</p> <p>ŽIAKOVÁ, K. a kol. Ošetrovateľský slovník. Martin : Vydavateľstvo Osveta, 2009. 218 s.</p> |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|------|------|-----|---|------|---|---|---|---|----|-------|-----|-------|-------|------|------|-----|
| <p><b>Languages necessary to complete the course:</b></p> <p>Slovak language, Czech language</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| <p><b>Notes:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| <p><b>Past grade distribution</b></p> <p>Total number of evaluated students: 41</p> <table> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>41,46</td><td>0,0</td><td>31,71</td><td>21,95</td><td>2,44</td><td>2,44</td><td>0,0</td></tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                          |      |       |       |      |      |     | A | ABS0 | B | C | D | E | FX | 41,46 | 0,0 | 31,71 | 21,95 | 2,44 | 2,44 | 0,0 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ABS0 | B     | C     | D    | E    | FX  |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| 41,46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,0  | 31,71 | 21,95 | 2,44 | 2,44 | 0,0 |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| <p><b>Lecturers:</b> prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD., Mgr. Ivan Farský, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| <p><b>Last change:</b> 04.12.2017</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |
| <p><b>Approved by:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |       |      |      |     |   |      |   |   |   |   |    |       |     |       |       |      |      |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-043/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Nursing Research (3) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |
| <b>Recommended prerequisites:</b><br>Nursing research 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Course requirements:</b><br>Course evaluation is based on the development of the thesis, which is assessed according with the criteria set out in the assessment supervisor form.<br>A / 1 = 91 – 100 %; B / 1,5 = 81 – 90 %; C / 2 = 73 – 80 %; D / 2,5 = 66 – 72 %; E / 3 = 60 – 65 %; Fx = less than 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>Learning outcomes:</b><br>Passing the subject under the tutor leading, student shall develop own Thesis and prepare a presentation of the results.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |
| <b>Class syllabus:</b><br>Elaboration of the current review of knowledge on the topic of Thesis.<br>Preparation of the practical part of the thesis.<br>Preparation and presentation of thesis results.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Recommended literature:</b><br>GAVORA, P. a kol. Elektronická učebnica pedagogického výskumu. [online]. Bratislava : Univerzita Komenského, 2010. Dostupné na: <a href="http://www.e-metodologia.fedu.uniba.sk/">http://www.e-metodologia.fedu.uniba.sk/</a> ISBN 978–80–223–2951–4.<br>LAJČIAKOVÁ, P. – TABAČKOVÁ, K. Ako spracovať výskum. Ružomberok : Verbum, 2010. 180 s.<br>PUNCH, K.F. Úspěšný návrh výzkumu. Praha : Portál, 2008. 232 s.<br>SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava : Ikar, 2005. 327 s.<br>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] Dostupný z WWW: < <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=234">http://portal.jfmed.uniba.sk/clanky.php?aid=234</a> >.<br>ŽIAKOVÁ K. et al. Ošetrovatel'stvo : Teória a vedecký výskum. 2. vyd. Martin : Vydavateľstvo Osveta, 2009. 319 s.<br>ŽIAKOVÁ, K. a kol. Ošetrovatel'ský slovník. Martin : Vydavateľstvo Osveta, 2009. 218 s. |                                              |

|                                                                                       |      |      |     |     |     |     |
|---------------------------------------------------------------------------------------|------|------|-----|-----|-----|-----|
| <b>Languages necessary to complete the course:</b><br>Slovak language, Czech language |      |      |     |     |     |     |
| <b>Notes:</b>                                                                         |      |      |     |     |     |     |
| <b>Past grade distribution</b><br>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 |
| <b>Lecturers:</b> prof. Mgr. Katarína Žiaková, PhD., doc. Mgr. Juraj Čáp, PhD.        |      |      |     |     |     |     |
| <b>Last change:</b> 04.12.2017                                                        |      |      |     |     |     |     |
| <b>Approved by:</b>                                                                   |      |      |     |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-010/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Nursing Techniques (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 6 <b>per level/semester:</b> 90<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |
| <b>Course requirements:</b><br>Assessment of students takes the form of continuous theoretical and practical testing in practices and a final test, the minimum level of success: 60%. Evaluation: A: 91 - 100%, B: 81 - 90%, C: 73 - 80%, D: 66 - 72% E: 60 - 65%, Fx: less than 60%<br>Scale of assessment (preliminary/final): 100/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                |
| <b>Learning outcomes:</b><br>By completion of the subject student gains reliable evidence-based information for safe healthcare practice. Student understands fundamental principles of nursing care provision and standard procedures of selected nursing techniques and interventions. While using the methods of simulation, demonstration, case study method and learning by doing method the student will gain theoretical knowledge and practical skills in performance of basic nursing procedures within nursing care provision.<br>After completion of this subject while performing nursing procedures student will be able to: <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> </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. |                                                |
| <b>Class syllabus:</b><br>Dressing material, Changing a Dressing. Oxygen Therapy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |

- Infection control. Bedmaking.
- Personal Hygiene and Grooming, thermotherapy
- Nutrition and Fluids, Enteral nutrition.
- Assisting with Elimination. Ostomy Care
- Physical Mobility and Immobility.
- Vital Signs.
- Safe Medication Administration. Nonparenteral Medication Administration.
- Injections.
- Specimen Collection. 1
- Specimen Collection. Taking a Blood. 2
- Administering Intravenous Fluid Therapy. Transfusion of Blood and Blood Products.
- Basic Nursing Techniques and Procedures in Surgery.
- Problem Task Solving.

### **Recommended literature:**

Miertová, M. a kol. Multimediálna vysokoškolská učebnica ošetrovateľských technik a zručností (elektronický zdroj). 1. vyd. Martin: JLF, 2015. 674 s. ISBN 974-80-89544-88-2

Dostupné na internete: <http://e-knihy.jfmed.uniba.sk/knihy/ostech/>

Kelčíková, S. Hygienické zabezpečenie rúk v zdravotníckej starostlivosti – metodické usmernenie. Vysokoškolské skriptá pre študentov lekárske fakúlt a nelekárskych študijných programov (elektronický zdroj). Martin: JLF UK, 2012, 30 s. Dostupné na internete : <http://portal.jfmed.uniba.sk/clanky.php?aid=201>

Osacká, P. a kol. Techniky a postupy v ošetrovatelstve. Martin: JLF UK, 2007. 505 s.

Odporúčaná literatúra :

Krišková, A. a kol. Ošetrovateľské techniky. Martin: Osveta, 2006. 780s. ISBN 80-8063-202-2

Kontrová, E., Záčeková, M., Hulková, V. Štandardy v ošetrovatelstve. 1. vyd. Martin: Osveta, 2005. 215 s. ISBN 80-8063-198-0

Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah práce pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne a v spolupráci s lekárom.

Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách súvisiacich s jej poskytovaním

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

Slovak language

### **Notes:**

### **Past grade distribution**

Total number of evaluated students: 123

| A     | ABS0 | B     | C     | D    | E   | FX   |
|-------|------|-------|-------|------|-----|------|
| 36,59 | 0,0  | 47,97 | 11,38 | 3,25 | 0,0 | 0,81 |

**Lecturers:** Mgr. Ivan Farský, PhD., Mgr. Martina Lepiešová, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-011/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Nursing Techniques (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 6 <b>per level/semester:</b> 90<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |
| <b>Recommended prerequisites:</b><br>Nursing techniques 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                |
| <b>Course requirements:</b><br>Assessment of students takes the form of continuous theoretical and practical testing in practices and a final test, the minimum level of success: 60%. Evaluation: A: 91 - 100%, B: 81 - 90%, C: 73 - 80%, D: 66 - 72% E: 60 - 65%, Fx: less than 60%<br>Scale of assessment (preliminary/final): 100/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                |
| <b>Learning outcomes:</b><br>Students will be have basic information regarding the correct and safe clinical practice performance with respect for the principles of evidence-based practice. Within this subject students in the clinical setting to use theoretical knowledge and practical skills acquired within the scope of nursing techniques first<br>The student will be able to practice: <ul style="list-style-type: none"> <li>- We can make basic tools of the patch and wool and different kinds of bandages;</li> <li>- Operate aseptically and implement appropriate care for the used items;</li> <li>- Implement hygienic patient care</li> <li>- Assess the impact of immobility on the human body in a particular patient and perform exercises: active, passive and autoasistované;</li> <li>- To measure, assess, evaluate patient's vital signs</li> <li>- Know the principles of diet therapy and diet system;</li> <li>- Implement interventions to support physiological micturition and defecation, consider emptying disorders</li> <li>- Recognize the different forms of drugs, medicines and prepare to make different forms of drugs under doctor's office;</li> <li>- Apply oxygen inhalation therapy by surgery</li> <li>- Inject - subcutaneous, intramuscular and intravenous;</li> <li>- Prepare and administer infusions assist in transfúzioterapii knows the possible complications,</li> <li>- Appoint the principles of collection of biological material and to carry out particular types of donations</li> </ul> |                                                |

- Distinguish basic surgical instruments, drains and drainage systems; manipulate sterile material; wash and dress for surgery.

### **Class syllabus:**

- # Handling patient care articles, equipment and supplies. Disinfection of surfaces, articles, surgical instruments and mechanical equipment, disinfection of skin and hands. Preparing articles and supplies to sterilization process (pre-sterilization preparation).
- # Bed-making. Assistive, safety and support devices of a bed. Manipulation with clean and polluted personal clothes and bed linen. Bed making for infants and toddlers.
- # Personal hygiene, hygienic care and practices. Oral hygiene – mouth care (care of intact oral cavity, special oral care, caring for artificial dentures), importance of dental care. Skin care practices – morning and evening hygienic care, bathing a patient, complete bed bath, prevention of sores and pressure ulcers. Hair and nail care – brushing and combing hair, shampooing hair, shaving, hair care in special needs – nits (pediculosis) delousing. Dressing a patient with disabled extremity.
- # Mobility and immobility. Preventive positioning of an immobile patient. Basic chest exercises / chest physiotherapy and leg exercises. Applying compression bandage of lower extremities / elastic compression stockings.
- # Therapeutic use of heat and cold.
- # Measuring, assessing and recording vital signs (body temperature, pulse, respiration, blood pressure, oxygen saturation), obtaining an electrocardiogram (ECG).
- # Nutrition care. Dietary system, serving meals, assisting patients with eating, feeding the patients. Fluid intake and output, intake and output record.
- # Managing urinary and bowel elimination – insertion of a straight / indwelling urinary catheter in a female, assistance in urinary catheterization in a male, administering an enema.
- # Administering oral medications (including buccal and sublingual administration). Topical administration of medications – to the skin (including transdermal patch) and mucosa, instillation of eye and ear medications, nasal instillations, application to body cavities (vaginal medications and instillations, rectal medications, bladder irrigation).
- # Oxygen therapy and respiratory inhalation (nebulization, inhalations).
- # Parenteral medications – injections. Preparing and administering subcutaneous injections (s.c. – LMWH, insulin) and intramuscular injections (i.m.). Preparing and assisting in administration of intravenous injection (i.v.). Insertion of peripheral intravenous access device, caring for peripheral and central intravenous access devices.
- # Parenteral nutrition and blood transfusions – preparing and assisting in application of intravenous solutions and infusions. Preparing and assisting in blood transfusions – care of a patient prior, during and after blood transfusion.
- # Diagnostic and laboratory testing – taking venous blood samples, capillary blood samples (blood sugar analysis, blood gas analysis (CBG), urine specimen collection (screening for chemical properties, culture and sensitivity test), taking stool specimens, sputum specimen collection, swabs / cultures (mucosa, skin, wounds). Evaluation of laboratory results.
- # Wound care – changing the wound dressing in aseptic / septic / chronic wounds, assisting in wound care, care of a patient with drain / drainage system.
- Establishing and maintaining a sterile field. Assisting in small surgeries
- Student uses structured and standardized method of SBAR communication to communicate (critical) events in clinical nursing practice effectively and efficiently.

### **Recommended literature:**

Miertová, M. a kol. Multimediálna vysokoškolská učebnica ošetrovateľských technik a zručností (elektronický zdroj). 1. vyd. Martin: JLF, 2015. 674 s. ISBN 974-80-89544-88-2  
Dostupné na internete: <http://e-knihy.jfmed.uniba.sk/knihy/ostech/>

Kelčíková, S. Hygienické zabezpečenie rúk v zdravotníckej starostlivosti – metodické usmernenie. Vysokoškolské skriptá pre študentov lekárske fakúlt a nelekárskych študijných programov (elektronický zdroj). Martin: JLF UK, 2012, 30 s. Dostupné na internete : <http://portal.jfmed.uniba.sk/clanky.php?aid=201>

Osacká, P. a kol. Techniky a postupy v ošetrovatel'stve. Martin: JLF UK, 2007. 505 s.

Odporúčaná literatúra :

Krišková, A. a kol. Ošetrovatel'ské techniky. Martin: Osveta, 2006. 780s. ISBN 80-8063-202-2

Kontrová, L., Záčeková, M., Hulková, V. Štandardy v ošetrovatel'stve. 1. vyd. Martin: Osveta, 2005. 215 s. ISBN 80-8063-198-0

Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovatel'skej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah práce pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne a v spolupráci s lekárom.

Zákon NR SR č. 576/2004 o zdravotnej starostlivosti a službách súvisiacich s jej poskytovaním

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 121

| A    | ABS0 | B     | C     | D    | E   | FX  |
|------|------|-------|-------|------|-----|-----|
| 28,1 | 1,65 | 47,93 | 17,36 | 4,96 | 0,0 | 0,0 |

**Lecturers:** Mgr. Ivan Farský, PhD., Mgr. Martina Lepiešová, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                          |
| <b>Course ID:</b><br>JLF.ÚPF/J-1-OS-014/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Pathological Anatomy and Pathological Physiology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                          |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                          |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                          |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                          |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                          |
| <b>Course requirements:</b><br>Assessment of students is carried out in the form of written examination, minimum passing score is 60%.<br>Assessment scale: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 60 % and less.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                          |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands the basic morphological and functional manifestations of diseases, etiopathogenesis, pathomechanisms involved in symptoms and signs of disease development, biopsy and the other pathological diagnostic methods.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                          |
| <b>Class syllabus:</b><br>Introduction to pathological anatomy and pathological physiology, etiology and pathogenesis.<br>Methods used in biopsy and cytology.<br>Inflammation.<br>Immunopathological processes.<br>Neoplasia, benign and malignant neoplasmas and their characteristic.<br>Disturbances of thermoregulation.<br>Stress.<br>Pathophysiology of shock.<br>Disturbances of homeostasis - fluid and electrolyte balance disturbances and assessment, acid-base balance disorders.<br>Pathophysiology of nutrition.<br>Diabetes mellitus.<br>Pathology and pathophysiology of ischemic heart disease.<br>Pathophysiology of arterial hypertension.<br>Pathophysiology of heart failure.<br>Disturbances of arterial and venous system function in lower extremities<br>Pathology and pathophysiology of the gastrointestinal tract and peritoneum.<br>Pathology and pathophysiology of the most important respiratory diseases.<br>Functional consequences of the most important respiratory diseases, respiratory failure. |                                                                          |

|                                                                                                                                                                                                                                                                                                                                                                         |      |      |       |       |       |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|-------|------|
| Pathology and pathophysiology of the most important urinary tract diseases, clinical syndromes in renal diseases, acute and chronic renal failure.<br>Pathology and pathophysiology of the most important central nervous system disorders.<br>Pathology of blood.<br>Pathology of male and female reproductive systems, pathological states associated with pregnancy. |      |      |       |       |       |      |
| <b>Recommended literature:</b><br>Plank, L., Hanáček, J. a kol. Patologická anatómia a patologická fyziológia. Martin: Osveta , 2007. 285 s. ISBN 978-80-8063-241-0                                                                                                                                                                                                     |      |      |       |       |       |      |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                                                   |      |      |       |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                           |      |      |       |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 119                                                                                                                                                                                                                                                                                               |      |      |       |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                                                       | ABS0 | B    | C     | D     | E     | FX   |
| 2,52                                                                                                                                                                                                                                                                                                                                                                    | 0,0  | 7,56 | 21,85 | 40,34 | 26,89 | 0,84 |
| <b>Lecturers:</b> prof. MUDr. Renata Péčová, PhD., prof. MUDr. Katarína Adamicová, PhD., MUDr. Tomáš Balhárek, PhD., MUDr. Michal Kalman, PhD., MUDr. Petra Kolenčíková, PhD., MUDr. Juraj Marcinek, PhD., MUDr. Jozef Mičák, PhD., prof. MUDr. Lukáš Plank, CSc.                                                                                                       |      |      |       |       |       |      |
| <b>Last change:</b> 21.12.2015                                                                                                                                                                                                                                                                                                                                          |      |      |       |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                     |      |      |       |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                 |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-015/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Patient s Needs and Nursing Process (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><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><br>Students evaluation takes the form of two partial tests and written work, minimum threshold of success: 60%. Evaluation: A: 91-100%, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx 60 % and less<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 |
| <b>Learning outcomes:</b><br>After completion of the subject the student is able to assess of patient; is able to determine patient 's needs and priorities; is able determine Nursing Diagnosis, is able to determine goals, resultant criterions and nursing plan; is able to apply knowledge, skills and competencies in realization nursing care, is able to document all steps of nursing care, is able to evaluate quality of nursing care and adjust the plan by actual patient's condition, is able to use medical records.<br>Student uses structured and standardized method of SBAR communication.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |
| <b>Class syllabus:</b><br>Introduction of nursing process, definition of term, basis of development, overview of components of nursing process, importance of nursing process for nursing practice.<br>1. phase of Nursing process - assessing , version of assessing, methods of collecting data a patient 's health status, sources of data, recording data.<br>2. phase Nursing process - diagnosing, diagnostic process. Taxonomy of nursing diagnosis according NANDA-I.<br>3. phase of Nursing process - planning, establishing priorities, goals nursing care. Nursing plans.<br>4. phase of Nursing process - implementing, nursing intervention – types, taxonomy, process of implementing.<br>5. phase of Nursing process - evaluating, process of evaluation, quality of nursing care, methods of evaluation.<br>Human needs. Hierarchy needs by A. H. Maslow. Factors influence human needs.<br>Breathing and nursing process<br>Nutrition and nursing process<br>Fluid, electrolyte and nursing process<br>Elimination and nursing process<br>Sleep and rest and nursing process |                                                                 |

Physical activity and nursing process  
Self-care, self-sufficiency and nursing process

**Recommended literature:**

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K.: Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 21.1.2014, posledná aktualizácia 22.1.2014 [cit. 2014-01-28] Dostupné z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

GURKOVÁ, E. a kol.: Vybrané ošetrovatel'ské diagnózy v klinickej praxi. 1.vyd. Martin: Vydavateľstvo Osveta, 2009. 244 s. ISBN 978-80-8063-308-0

KOZIEROVÁ, B. ERBOVÁ, G. OLIVIERIOVÁ, R.: Ošetrovatel'stvo I., 2. Martin: Vydavateľstvo Osveta, 1995.1474 s.ISBN 80-217-0528-0

KUDLOVÁ, P.NANDA International Ošetrovatel'ské diagnózy. Definície a klasifikácie 2009-2011. Praha: Grada, 2010. 456 s. ISBN 978-80-247-3423-1

MAREČKOVÁ, J. Ošetrovatel'ské diagnózy v NANDA doménach. Praha: Grada, 2006. 264 s. ISBN 80-247-1399-3

NEMČEKOVÁ. M., ŽIAKOVÁ, K., MIŠTUNA, D.: Práva pacientov: Medicínske, ošetrovatel'ské a filozoficko-etické súvislosti. Martin: Vydavateľstvo Osveta, 2004. 214 s. ISBN 80-8063-162-X

TOMAGOVÁ, M., BÓRIKOVÁ, I.: Ošetrovatel'ský proces (teória a prax). In Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej Lekárskej fakulty Univerzity Komenského [online] ISSN 1337-7396. Dostupné na internete: <http://portal.jfmed.uniba.sk/clanky.php?aid=126>

TOMAGOVÁ, M., BÓRIKOVÁ, I.a kol.: Potreby v ošetrovatel'stve. Martin: Vydavateľstvo Osveta, 2008.197 s. ISBN 80-8063-270-0

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

Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovatel'skej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah práce pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne 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: 121

| A    | ABS0 | B     | C     | D    | E    | FX   |
|------|------|-------|-------|------|------|------|
| 15,7 | 0,0  | 52,89 | 20,66 | 7,44 | 1,65 | 1,65 |

**Lecturers:** doc. Mgr. Martina Tomagová, PhD., Mgr. Michaela Miertová, PhD., Mgr. Anna Ovšonková, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-016/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Patient s Needs and Nursing Process (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 1 <b>per level/semester:</b> 45 / 15<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 |
| <b>Recommended prerequisites:</b><br>Needs of patient and Nursing Process 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |
| <b>Course requirements:</b><br>Students evaluation takes the form of two partial tests and written work, minimum threshold of success: 60%. Evaluation: A: 91-100%, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx 60 % and less<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |
| <b>Learning outcomes:</b><br>After completion of the subject the student is able to assess of patient; is able to determine patient 's needs and priorities; is able determine Nursing Diagnosis, is able to determine goals, resultant criterions and nursing plan; is able to apply knowledge, skills and competencies in realization nursing care, is able to document all steps of nursing care, is able to evaluate quality of nursing care and adjust the plan by actual patient's condition, is able to use medical records.<br>Student uses structured and standardized method of SBAR communication.                                                                                                                                                                                                |                                                                 |
| <b>Class syllabus:</b><br>Breathing and nursing process Nutrition and nursing process Fluid and nursing process Elimination and nursing process Sleep and rest and nursing process Physical activity and nursing process Self-care, self-sufficiency and nursing process Pain and nursing process Cognition and nursing process Safety, anxiety, fear and nursing process Self-conception and self-esteem and nursing process Social needs and nursing process Spiritual needs and nursing process                                                                                                                                                                                                                                                                                                           |                                                                 |
| <b>Recommended literature:</b><br>GURKOVÁ, E. a kol.: Vybrané ošetrovateľské diagnózy v klinickej praxi. 1.vyd. Martin: Vydavateľstvo Osveta, 2009. 244 s. ISBN 978-80-8063-308-0 KOZIEROVÁ, B. ERBOVÁ, G. OLIVIERIOVÁ, R.: Ošetrovateľstvo I., 2. Martin: Vydavateľstvo Osveta, 1995.1474 s.ISBN 80-217-0528-0 MIERTO VÁ, M., ŽIAKOVÁ, K., OVŠONKOVÁ, A. a kol. 2015. Multimediálna vysokoškolská učebnica techník a zručností. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. 672 s. Dostupné na: <a href="http://e-knihy.jfmed.uniba.sk/knihy/ostech/">http://e-knihy.jfmed.uniba.sk/knihy/ostech/</a> ISBN 978-80-89544-88-2. NEMČEKOVÁ. M., ŽIAKOVÁ, K., MIŠTUNA, D.: Práva pacientov: Medicínske, ošetrovateľské a filozoficko-etické |                                                                 |

| <p>súvislosti. Martin: Vydavateľstvo Osveta, 2004. 214 s. ISBN 80-8063-162-X TOMAGOVÁ, M., BÓRIKOVÁ, I.: Ošetrovateľský proces (teória a prax). In Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej Lekárskej fakulty Univerzity Komenského [online] ISSN 1337-7396. Dostupné na internete: <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=126">http://portal.jfmed.uniba.sk/clanky.php?aid=126</a> TOMAGOVÁ, M., BÓRIKOVÁ, I.a kol.: Potreby v ošetrovatel'stve. Martin: Vydavateľstvo Osveta, 2008. 197 s. ISBN 80-8063-270-0 BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K.: Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 21.1.2014, posledná aktualizácia 22.1.2014 [cit. 2014-01-28] Dostupné z WWW: . ISSN 1337-7396. KUDLOVÁ, P.: Ošetrovateľské diagnózy. Definície a klasifikácie 2009-2011. Praha : Grada, 2010. 456 s. ISBN 978-80-247-3423-1. Vyhláška MZ SR č. 306/2005 Z.z., ktorou sa ustanovuje zoznam sesterských diagnóz. Vyhláška MZ SR č. 364/2005 Z.z., ktorou sa určuje rozsah ošetrovateľskej praxe poskytovanej sestrou samostatne a v spolupráci s lekárom a rozsah práce pôrodnej asistencie poskytovanej pôrodnou asistentkou samostatne a v spolupráci s lekárom. Odborné usmernenie MZ SR o vedení zdravotnej dokumentácie zo dňa 24. septembra 2009</p> |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|------|------|---|------|---|---|---|---|----|------|-----|-------|-------|-------|------|------|
| <p><b>Languages necessary to complete the course:</b><br/>Slovak language</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| <p><b>Notes:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| <p><b>Past grade distribution</b><br/>Total number of evaluated students: 119</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>7,56</td><td>0,0</td><td>42,02</td><td>35,29</td><td>13,45</td><td>0,84</td><td>0,84</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |       |       |      |      | A | ABS0 | B | C | D | E | FX | 7,56 | 0,0 | 42,02 | 35,29 | 13,45 | 0,84 | 0,84 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ABS0 | B     | C     | D     | E    | FX   |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| 7,56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,0  | 42,02 | 35,29 | 13,45 | 0,84 | 0,84 |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| <p><b>Lecturers:</b> doc. Mgr. Martina Tomagová, PhD., Mgr. Mária Zanolitová, PhD., Mgr. Anna Ovšonková, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| <p><b>Last change:</b> 17.10.2017</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |
| <p><b>Approved by:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |       |       |      |      |   |      |   |   |   |   |    |      |     |       |       |       |      |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-044/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Course title:</b><br>Pediatrics and Nursing (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 45 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                    |
| <b>Recommended prerequisites:</b><br>Surgery and nursing 2, Internal medicine/gerontology and nursing 2, Psychiatry, mental health and nursing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
| <b>Course requirements:</b><br>Evaluation of students is carried out by means of a written test and evaluation of termly work. Minimal successfulness is 60 %.<br>Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: less than 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |
| <b>Learning outcomes:</b><br>After completion of the subject the student will be able to characterize the specifics of nursing process in paediatrics. The student will be able to demonstrate the assessment of the needs, the basic physical examination and assessment of growth and development in different age periods. Student obtains basic information about specifics of nutrition in childhood, about nursing care of physiological and pathological newborn. A student is able to identify nursing problems in the paediatric patients in selected diseases of the physical systems and obtained knowledge and skills will be applied in the planning and implementation of the nursing care. The student demonstrates skills in communication with using the SBAR method.                                    |                                                    |
| <b>Class syllabus:</b><br>Introduction to paediatrics and paediatrics nursing, particularity of nursing process in paediatrics. The assessment and the basics of physical examination in paediatrics.<br>The distribution of children's age, growth and development, assessment of growth and development in children.<br>Nutrition in childhood.<br>Disorders of the internal environment.<br>Genetic and prenatal counselling, congenital metabolic disorders and their screening.<br>Nursing care of physiological newborn.<br>Nursing care of premature and pathological newborn.<br>Nursing care of children with respiratory diseases.<br>Nursing care of children with cardiovascular diseases.<br>Nursing care of children with gastrointestinal diseases.<br>Nursing care of children with hematologic diseases. |                                                    |

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| Nursing care of children with renal and urinary tract diseases.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |       |      |     |     |
| <b>Recommended literature:</b><br>BOLEDOVIČOVÁ, M. a kol. Pediatrické ošetrovatel'stvo. Martin : Osveta, 2006. 208 s. ISBN 80-8063-211-1.<br>JAKUŠOVÁ, Ľ., DOSTÁL, A. Výživa dieťaťa v prvom roku života. Martin : Osveta, 2003. 76 s. ISBN 80-8063-130-1.<br>JURKO, A., OVŠONKOVÁ, A., ZANOVITOVÁ, M. a kol. Pediatria a ošetrovateľská starostlivosť. Bratislava : UK, 2009. 409 s. ISBN 978-80-223-2398-7.<br>KAPPELEROVÁ, A. a kol. Propedeutika detského lekárstva. Bratislava : UK, 2002. 296 s. ISBN 80- 223-1624-5.<br>OVŠONKOVÁ, A., ZANOVITOVÁ, M., LEPIEŠOVÁ, M., JAKUŠOVÁ, Ľ., KADUČÁKOVÁ, H., LEHOTSKÁ, M. Pediatrické ošetrovatel'stvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] . [cit. 2014-01-28] Dostupný z WWW: < <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=250">http://portal.jfmed.uniba.sk/clanky.php?aid=250</a> >. ISSN 1337-7396. |      |       |       |      |     |     |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |       |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |       |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |       |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ABS0 | B     | C     | D    | E   | FX  |
| 14,63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,0  | 26,83 | 48,78 | 9,76 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |       |      |     |     |
| <b>Last change:</b> 05.09.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |       |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |       |      |     |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                    |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-045/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Pediatrics and Nursing (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 1 <b>per level/semester:</b> 45 / 15<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
| <b>Recommended prerequisites:</b><br>Paediatrics and nursing 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Course requirements:</b><br>Partial evaluation of students is carried out by means of a written test and evaluation of termly work. Minimal successfulness is 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: less than 60 %<br>Final evaluation is oral examination.                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                    |
| <b>Learning outcomes:</b><br>A student is able to identify nursing problems in the paediatric patients in selected diseases of the physical systems and obtained knowledge and skills will be applied 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 is able to characterize the specifics of the assessment and management of pain in children in the various age categories and obtained knowledge will be applied to the clinical nursing practice. The student is able to apply the acquired knowledge to the solution of acute situations in childhood. The student demonstrates skills in communication with using the SBAR method. |                                                    |
| <b>Class syllabus:</b><br>Nursing care of children with skin diseases.<br>Nursing care of children with disorders of immunity.<br>Nursing care of children with endocrine diseases.<br>Nursing care of children with diabetes mellitus.<br>Nursing care of children with neurology diseases.<br>Nursing care of children with diseases of the locomotive system.<br>The specifics of the pain in childhood.<br>Nursing care of children with oncological diseases, palliative nursing care.<br>Nursing care of children in acute conditions.<br>Nursing care of children with CAN syndrome.                                                                                                                                                           |                                                    |
| <b>Recommended literature:</b><br>BOLEDOVIČOVÁ, M. a kol. Pediatrické ošetrovatel'stvo. Martin : Osveta, 2006. 208 s. ISBN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |

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| 80-8063-211-1.<br>JAKUŠOVÁ, Ľ., DOSTÁL, A. Výživa dieťaťa v prvom roku života. Martin : Osveta, 2003. 76 s. ISBN 80-8063-130-1.<br>JURKO, A., OVŠONKOVÁ, A., ZANOVITOVÁ, M. a kol. Pediatria a ošetrovateľská starostlivosť. Bratislava : UK, 2009. 409 s. ISBN 978-80-223-2398-7.<br>KAPPELEROVÁ, A. a kol. Propedeutika detského lekárstva. Bratislava : UK, 2002. 296 s. ISBN 80- 223-1624-5.<br>OVŠONKOVÁ, A., ZANOVITOVÁ, M., LEPIEŠOVÁ, M., JAKUŠOVÁ, Ľ., KADUČÁKOVÁ, H., LEHOTSKÁ, M. Pediatrické ošetrovateľstvo. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] . [cit. 2014-01-28] Dostupný z WWW: < <a href="http://portal.jfmed.uniba.sk/clanky.php?aid=250">http://portal.jfmed.uniba.sk/clanky.php?aid=250</a> >. ISSN 1337-7396. |      |      |      |      |     |     |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |      |      |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |      |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |      |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ABS0 | B    | C    | D    | E   | FX  |
| 15,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,0  | 50,0 | 17,5 | 12,5 | 5,0 | 0,0 |
| <b>Lecturers:</b> doc. MUDr. Ľubica Jakušová, PhD., Mgr. Anna Ovšonková, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |      |      |     |     |
| <b>Last change:</b> 17.10.2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |      |      |     |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |
| <b>Course ID:</b><br>JLF.ÚFa/J-1-OS-022/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Pharmacology |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |
| <b>Course requirements:</b><br>During semester: The successful passing two written tests.<br>Final exam: Written test. The minimal limit of successfulness: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 60 % and lower.<br>Scale of assessment (preliminary/final): 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |
| <b>Learning outcomes:</b><br>The graduate of Bachelor's study knows by subjects graduation:<br>From field of basic 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 administration of specific antidotes, characteristics of drugs doses (single, daily, maximum, etc.), drugs interaction with food and drink, peculiarities of therapy according to age.<br>From field of special pharmacology – characteristic of individual pharmacological groups and agents, effects (desirable and side), most important contraindications and other information for use in nursing practice. |                                      |
| <b>Class syllabus:</b><br>Basic definition in pharmacology, HVLP, IPL, narcotic law, toxicomania. The route of drug administrations, drugs batching, side effects of drugs, drugs 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 vegetative nervous system</li> <li>• Pharmacology of central nervous system</li> <li>• Opioid analgesics</li> <li>• Analgesics, antirheumatics</li> <li>• Pharmacology of cardiovascular system</li> <li>• Pharmacology of gastrointestinal system</li> <li>• Pharmacology of respiratory system</li> <li>• Antibiotics</li> <li>• Drugs affecting the function of the endocrine glands</li> </ul>                                                                      |                                      |

- Treatment of drug poisoning
- Disinfectants and antiseptics
- Toxicomanias

**Recommended literature:**

1. Tisoňová, J., Kriška, M. a kol. Základy farmakológie pre nelekárske študijné odbory. Univerzita Komenského, Bratislava, 2007, 292 s.
2. Hynie, S. a spol.: Farmakologie pro bakalárske studium, Díl 1, 2, UK, 1996, 550 s.
3. Mirossay, L., Mojžiš, J. Základy všeobecnej a špeciálnej farmakológie. Sapiaientia, Bratislava, 2006, 208 s.
4. Farghali, H., Lincová, D. a kolektív: Základní a aplikovaná farmakologie, Galén, 2001, 960 s.
5. Mirossay, L. a kolektív: Špeciálna farmakológia, Košice, UPJŠ 1997, 421 s.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 68

| A     | ABS0 | B     | C     | D     | E    | FX   |
|-------|------|-------|-------|-------|------|------|
| 17,65 | 0,0  | 20,59 | 23,53 | 30,88 | 5,88 | 1,47 |

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

**Last change:** 06.09.2019

**Approved by:**

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-005/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Philosophy and Ethics in Nursing |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 15 / 30<br><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><br>Two knowledge tests under continuous assessment.<br>Passing an oral examination.<br>Obligatory attendance of seminars.<br>Scale of assessment (preliminary/final): Continuous assessment 1/3 Final exam 2/3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |
| <b>Class syllabus:</b><br>- Introduction to Philosophy. Philosophical disciplines. Philosophy and nursing. Different concepts of human being. Human being as a bio - psycho - social - spiritual being.<br>- Fundamental questions of philosophical anthropology. Holistic approach in nursing.<br>- Spiritual aspects of human life. Transcendence, spirituality , hope , meaning of life. Spiritual needs in nursing<br>- Language and Semiotics. Character and significance. Communication as a form of life.<br>- Logic - basic concepts and logical operations. Concept. Definitions. Logical principles. Analysis, deduction, induction, reduction, synthesis.<br>- Empiricism, rationalism and positivism as a basis of science. Theories of truth.<br>Phenomenology as the basis of qualitative research methods. Existentialism and the border situation. Hermeneutics - interpretation .<br>- Ethics and morality. Basic concepts. The issue of freedom and responsibility. Ethical theories. Morality and legality.<br>- Bioethics, medical ethics, nursing ethics.<br>- Basic principles in bioethics, code of ethics (ICN) .<br>- Nurse-patient relationship. Paternalism and partnership. The issue of human dignity. Patients' rights.<br>Informed consent and the right to refuse treatment. Ethical aspects of providing information about the patient's condition .<br>- Ethics at the beginning of human life. Abortion and the issue of moral status of the fetus.<br>- Thanatology. Ethics at the end of life. Suicide, euthanasia , assisted suicide, dying with dignity. |                                                          |
| <b>Recommended literature:</b><br>ANZENBACHER, A. Úvod do etiky. Kostelní Vydří : Karmelitánské nakladatelství, 2001. 292 s.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |

ANZENBACHER, A. Úvod do filozofie. Praha : SPN, 1990. 304 s.

Balážová, L. Morálna dilema a proces jej riešenia v ošetrovateľskej praxi. In Profese On-line, 2009, roč. 2, č. 2, s. 78-89. Dostupné na internete: [http://profeseonline.upol.cz/upload/soubory/2009\\_02/balazova\\_final\\_tisk.pdf](http://profeseonline.upol.cz/upload/soubory/2009_02/balazova_final_tisk.pdf)

ČÁP, J. – MAGEROVÁ, J. Postoje k problematike smrti a umierania človeka v ošetrovateľskej etike. In Argumentácia v bioetike. Eds. J. Hrkút. 1. vyd. Ružomberok : Katolícka univerzita v Ružomberku, 2009, s. 171-215.

ČÁP, J. – PALENČÁR, M. Smrť a vedomie smrteľnosti. Bratislava : Iris, 2012. 199 s.

Etický kódex pre sestry [on-line]. ICN, 2000. [02-01-2010] . Dostupné na internete: <http://www.icn.ch/icncodeslovakian.pdf>.

Etický kódex zdravotníckeho pracovníka, príloha č. 4. 2004. In Zákon č. 578/2004 Z.z. Národnej rady Slovenskej republiky o poskytovateľoch zdravotnej starostlivosti, zdravotníckych pracovníkoch, stavovských organizáciách v zdravotníctve a o zmene a doplnení niektorých zákonov.

Filozofia a etika v ošetrovateľstve (Súbor študijných materiálov). Dostupné u vyučujúceho.

HAŠKOVCOVÁ, H. Lekárska etika. Praha : Galén, 2002. 272 s.

LISSMANN, K. ZENATY, G. O myšlení: Úvod do filozofie. Olomouc : Votobia, 1994. 375 s.

NEMČEKOVÁ, M. et al. Práva pacientov: Medicínske, ošetrovateľské a filozoficko-etické súvislosti. Martin : Vydavateľstvo Osveta, 2004. 213 s.

ONDOK, J. P. Bioetika, biotechnologie a biomedicína. Praha : Triton, 2005.

SOKOL, J. Malá filozofie člověka: Slovník filosofických pojmů. Praha : Vyšehrad, 1998. 392 s.

**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:** 07.10.2015

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                               |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                               |     |     |     |     |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Course ID:</b><br>JLF.ÚTV/J-1-OS-TV1/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | <b>Course title:</b><br>Physical Training (1) |     |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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><br>presence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Learning outcomes:</b><br>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><br>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><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ABS0 | B                                             | C   | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,0  | 0,0                                           | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Jozef Šimeček                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Last change:</b> 19.03.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                               |     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                               |     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                               |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                               |     |     |     |     |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Course ID:</b><br>JLF.ÚTV/J-1-OS-TV2/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | <b>Course title:</b><br>Physical Training (2) |     |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 30<br><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><br>presence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Learning outcomes:</b><br>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><br>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><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ABS0 | B                                             | C   | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,0  | 0,0                                           | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Jozef Šimeček                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                               |     |     |     |     |
| <b>Last change:</b> 19.03.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                               |     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                               |     |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-049/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Course title:</b><br>Primary Nursing Care |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 30 / 15<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Recommended prerequisites:</b><br>Needs of the patient and the nursing process 2, Nursing I-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
| <b>Course requirements:</b><br>Evaluation criteria - 2 partial written tests and 1 written exam, the minimum percentage to succeed: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 74–80 %, D: 73–66 %, E: 60–65 %, FX: 59 % and fewer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Learning outcomes:</b><br>After completion of the subject the student is able to describe the role of nurses in primary nursing care and in community health nursing focused on different population and other specific groups. Student is also able to assess needs of community, plan and implement care at home. He/she is able to describe and evaluate the work of nurses and process of care in community settings. He/she highlights the importance of primary, secondary and tertiary prevention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Class syllabus:</b><br>Nursing in Primary Care. Forms of providing Health Care. Community Health Nursing. Types of Community. Characteristics of Community Health. The Difference between Traditional Health Nursing and Primary Care. The Nursing Process for Community.<br>Home Health Care. Home Care Agencies. Ethical aspect of Work in Home health Care.<br>Chronic Mental Health Problem in the Community: Schizophrenia and Affective Disorders.<br>Primary Care of the Family Client. Caregiver Role Strain. Home Maintenance Management, Impaired. Family Coping – Disability. Disturbed Family Processes – Alcoholism. Application of Domains in NANDA II Taxonomy in Assessing, Diagnosis Statements, Planning, Implementing and Evaluating of Interventions.<br>Primary Care of Children. Task of the School Nursing.<br>The Occupational Health protection in the employment: Roles and Responsibilities of nursing, Current and Future trends in the Slovak republic.<br>Primary Care of older Client. Institutionalization.<br>Primary Care of Women.<br>Nursing Care in Roma Community. Nursing Care in selected Community (Unemployed, Homeless)<br>Nursing Care of patients with Sexually Transmitted Diseases (HIV/AIDS, infection diseases). |                                              |

**Recommended literature:**

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z www: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

HANZLÍKOVÁ, A. a kol. Komunitné ošetrovatel'stvo. 3. vyd. Martin : Osveta, 2006. 279 s. ISBN 80-8063-213-8.

GURKOVÁ, E., ŽIAKOVÁ, K., ČAP, J. a kol. Vybrané ošetrovatel'ské diagnózy v klinickej praxi. Martin : Osveta, 2009. 242 s. ISBN 978-80-8063-308-0.

KRIŠKOVÁ, A. a kol. Ošetrovatel'stvo v zdraví pri práci. Martin : Osveta, 2003. 155 s. ISBN 80-8063-109-3.

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.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovatel'stve. 1. vyd. Martin : Vydavateľstvo Osveta, 2008. 197 s. ISBN 978-80-8063-270-0.

Vyhláška MZ SR č. 770/2004 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.

Zákon č. 448/2008 Z.z. o sociálnych službách a o zmene a doplnení zákona č. 455/1991 Zb. o živnostenskom podnikaní.

**Languages necessary to complete the course:**

Slovak language

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

Total number of evaluated students: 67

| A    | ABS0 | B     | C     | D    | E   | FX  |
|------|------|-------|-------|------|-----|-----|
| 19,4 | 0,0  | 61,19 | 17,91 | 1,49 | 0,0 | 0,0 |

**Lecturers:** prof. Mgr. Katarína Žiaková, PhD., Mgr. Mária Zanolitová, PhD., doc. Mgr. Martina Tomagová, PhD.

|                                |
|--------------------------------|
| <b>Last change:</b> 17.10.2017 |
| <b>Approved by:</b>            |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-030/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course title:</b><br>Psychiatry, Mental Health and Nursing |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 60 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |
| <b>Course requirements:</b><br>Evaluation of students takes the form of partial test and written work, and form of oral examination, minimum threshold of success: 60%. Evaluation: A: 91-100%, B: 81-90 %, C: 73-80 %, D: 66-72 %, E: 60-65 %, Fx 60 % and less<br>Scale of assessment (preliminary/final): 40/60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>Learning outcomes:</b><br>After completion of the subject student is able apply knowledge and appropriate attitudes in the assessment, planning, implementation, evaluation of individualized care of patients with psychiatric disorders. Student will be able to apply in practice appropriate attitudes and values in relation to moral and ethical values underpinning nursing practice, the law and regulation of the profession. The student is able to communicate with the SBAR model.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |
| <b>Class syllabus:</b><br>Characteristics and the content of the branch. Etiology mental disorders. Relationship psychiatry and other clinical branches.<br>Mental Health. Prevention mental disorders.<br>General psychopathology.<br>Mood disorders.<br>Schizophrenia and schizophrenia - like disorders.<br>Reactive disorders, anxiety, obsessive - compulsive, somatoform and dissociative disorders.<br>Alcoholism and other psychoactive substance use disorders.<br>Organic mental disorders including symptomatic mental disorders.<br>Gerontopsychiatry.<br>Mental disorders of childhood and adolescence.<br>Therapy and rehabilitation of psychiatric disorders.<br>Psychiatric emergency. Suicide.<br>Treatment of mental disorders.<br>General principles of nursing care of psychiatric patients.<br>Structure and organization of psychiatric care.<br>Some ethic aspects and professional standards in psychiatric nursing practice.<br>Receipt and release of patient. |                                                               |

Psychiatric rehabilitation.  
 Psychiatric assessment. Psychiatric documentation including psychiatric nursing documentation.  
 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 gerontopsychiatric patients.  
 Nursing care of children with mental disorders. Nursing care of patients with mental retardation.  
 Relationship nurse with patient's family.

### **Recommended literature:**

KAFKA, J. a kol.: Mentálne zdravie, psychiatria a ošetrovatel'stvo. 1. vyd. Košice : Mercury – Smékal, 2004. 286 s. ISBN 80-89203-01-9  
 KAFKA, J. a kol.: Psychiatria. Martin : Osveta, 1998. 255 s. ISBN 80-88824-66-4  
 MALÁ, E., PAVLOVSKÝ, P. Psychiatrie. 1.vyd. Praha : Portál, 2002. 143 s. ISBN 80-7178-7000-0  
 KOLIBÁŠ, E. Príručka klinickej psychiatrie. 2. vyd. Bratislava : Asklepios, 1996. 240 s. ISBN 80-7167-021-9  
 FORGÁČOVÁ, Ľ. Ochrana a podpora duševného zdravia. prevencia duševných porúch. Bratislava. Simply supplies, 2007. 184 s. ISBN 978-80-969611-7-7.  
 ONDREJKA, I. Depresia v kontexte kvality života. Rožňava: Roven, 2006. 126 s. ISBN 80-89168-15-9  
 MARKOVÁ, E. a kol.: Psychiatrická ošetrovateľská péče. Praha : Grada Publishing, 2006. 352 s. ISBN 80-247-1151-6  
 PETR, T. et al. Ošetrovatelství v psychiatrii. Praha : Grada Publishing, 2014. 296 s. ISBN 978-80-247-4236-6.  
 KUDLOVÁ, P. Ošetrovateľské diagnózy. Definície a klasifikácie 2009-2011. Praha : Grada, 2010. 456 s. ISBN 978-80-247-3423-1.  
 JANOSIKOVÁ, E., DAVIESOVÁ, J.: Psychiatrická ošetrovateľská starostlivosť. Duševné zdravie a psychiatrické ošetrovatel'stvo. 1. vyd. Martin : Osveta, 1999. 551 s. ISBN 80-8063-017-8  
 GURKOVÁ, E. et al. Vybrané ošetrovateľské diagnózy v klinickej praxi. 1. vyd., Martin : Osveta, 2009. ISBN 978-80-8063-308-0.  
 BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K.: Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online] 21.1.2014, posledná aktualizácia 22.1.2014 [cit. 2014-01-28] Dostupné z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

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

SJ

### **Notes:**

|                                                                                                                                               |      |       |       |       |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|------|-----|
| <b>Past grade distribution</b>                                                                                                                |      |       |       |       |      |     |
| Total number of evaluated students: 67                                                                                                        |      |       |       |       |      |     |
| A                                                                                                                                             | ABS0 | B     | C     | D     | E    | FX  |
| 37,31                                                                                                                                         | 0,0  | 28,36 | 17,91 | 13,43 | 2,99 | 0,0 |
| <b>Lecturers:</b> doc. MUDr. Igor Ondrejka, PhD., doc. Mgr. Martina Tomagová, PhD., MUDr. PhDr. Igor Hrtánek, PhD., MUDr. Miloslav Oppa, PhD. |      |       |       |       |      |     |
| <b>Last change:</b> 17.10.2017                                                                                                                |      |       |       |       |      |     |
| <b>Approved by:</b>                                                                                                                           |      |       |       |       |      |     |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-017/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Psychology I. (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><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><br>Student Assessment takes the form of a written test, minimum limit of success: 60%. Rating:<br>A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less<br>Scale of assessment (preliminary/final): 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |
| <b>Learning outcomes:</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |
| <b>Class syllabus:</b><br>- The definition of psychology as a science disciplines of psychology, psychology in relation to related fields.<br>- Basic psychological concepts: psyche, consciousness, the unconscious, behavior, survival.<br>- The most important psychological schools and orientations (psychoanalysis-Sigmund Freud, Jung, Adler A., neopsychoanalysis).<br>- Behaviourism-JBWatson, BF Skinner, humanistic psychology: A Maslow, C. Rogers.<br>- The current integrative view of psychological theory.<br>- The consciousness and altered states of consciousness.<br>- Sensation, sensory processes, principles of perception<br>- Memory, theory of forgetting attention.<br>- Thinking and learning, learning theory, volitional action<br>- Personality, personality typology, temperament, character, ability, bio-psycho-social understanding of the concept of personality.<br>- Psychology of emotions |                                           |
| <b>Recommended literature:</b><br>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

**Languages necessary to complete the course:**

Slovak language /Czech language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 123

| A     | ABS0 | B     | C     | D    | E    | FX   |
|-------|------|-------|-------|------|------|------|
| 41,46 | 0,0  | 21,95 | 20,33 | 9,76 | 4,07 | 2,44 |

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

**Last change:** 22.09.2020

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-018/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Psychology I. (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><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><br>Student assessment takes form of a written test, 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<br>Scale of assessment (preliminary/final): 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |
| <b>Learning outcomes:</b><br>After completion of the subject the student obtains fundamental information about regularities of human psyche development and individual's functioning in social groups. The student understands changes in personality, behavior, actions and mental processes 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>- Developmental psychology: determination of the human psyche development, maturation, developmental crisis a critical periods in human development</li> <li>- Cognitive development (Piaget, Erikson)</li> <li>- Prenatal development, newborn, early childhood</li> <li>- Pre-school age, younger school age, puberty, adolescence</li> <li>- Adulthood – early, middle, late</li> <li>- Aging and old age</li> <li>- Individual in social environment. Socialization, personality and it's role.</li> <li>- Groups, leadership</li> <li>- Motivation of human behaviour – attitudes, values</li> <li>- Family, Family functioning.</li> <li>- Communication and interaction in family.</li> <li>- Social behaviour, prosocial behaviour, antisocial behaviour, Aggression</li> </ul> |                                           |
| <b>Recommended literature:</b><br>Říčan P.: Psychologie- příručka pro studenty, Praha, Portál, 2009.<br>Atkinson E.C.: Psychológia, Praha, Victoria Publishing, 1995.<br>Plháková A.: Učebnice obecné psychologie, Praha, Academia, 2003.<br>Plháková A.: Dějiny psychologie, Praha, Grada, 2006.<br>Říčan P.: Cesta životem, Praha, Portál, 2004.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|-----|------|
| Vágnerová M.: Vývojová psychologie, Praha, Portál, 2000.<br>Drapela V.J.: Přehled teorií osobnosti, Praha, Portál, 2005.<br>Hall C.S., Lindzey G.: Psychológia osobnosti, Bratislava, SPN, 2002.<br>Sternberg R.L.: Kognitivní psychologie, Praha, Portál, 2002. |      |      |      |      |     |      |
| <b>Languages necessary to complete the course:</b><br>Slovak language/Czech language                                                                                                                                                                             |      |      |      |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                    |      |      |      |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 120                                                                                                                                                                                        |      |      |      |      |     |      |
| A                                                                                                                                                                                                                                                                | ABS0 | B    | C    | D    | E   | FX   |
| 47,5                                                                                                                                                                                                                                                             | 0,0  | 32,5 | 15,0 | 4,17 | 0,0 | 0,83 |
| <b>Lecturers:</b> doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.                                                                                                                                                                                 |      |      |      |      |     |      |
| <b>Last change:</b> 22.09.2020                                                                                                                                                                                                                                   |      |      |      |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                              |      |      |      |      |     |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                            |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-031/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Psychology II. (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 30 / 30<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |
| <b>Recommended prerequisites:</b><br>Psychology I-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |
| <b>Course requirements:</b><br>Assessment of student outcomes takes form of presentation of the essay and oral examination, minimum limit for success: 60 %. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less<br>Scale of assessment (preliminary/final): 0/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            |
| <b>Learning outcomes:</b><br>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>- Empathy and its importance in Nursing.</li> <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.</li> <li>- Isolation, neglect, abuse, loneliness</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>- Psychological problems of seriously ill patients – individual approach, the impact of selected diseases</li> <li>- Psychosomatics, psychosocial impact of illness.</li> <li>- Pain – psychological influence of the pain, psychogenic pain.</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).</li> </ul> |                                            |

- Burnout, professional deformation prevention.
- Effect of environment on the patient (hospital, clinic, family, ADOS, hospice).

#### **Recommended literature:**

Kollárik, T. a kol. Sociálna psychológia. Bratislava: UK, 2004. 548 s. ISBN 80-223-1841-8  
 Prekop, J. Empatie. Vcítění v každodenním životě. Praha: Grada, 2004. 132 s.  
 ISBN 978-80-247-0672-6  
 Nakonečný, M. Sociální psychologie. 2. Vyd. Praha: Academia, 2001. 287 s.  
 ISBN 80-200-0690-7  
 Vymětal, J. Lékařská psychologie. Praha: Portál, 2003. 396 s. ISBN 80-7178-740-X  
 Zacharová, E., Hermanová, M., Šrámková, J. Zdravotnická psychologie. Praha: Grada, 2007. 229 s.  
 ISBN 978-80-247-2068-5  
 Heretik, A., Heretik, A. jr. a kol. Klinická psychológia. Nové Zámky: Psychoprof, 2007. 815 s.  
 ISBN 978-80-89322-00-8  
 Křivohlavý, J. Sestra a stres. Praha: Grada, 2009. 128 s. ISBN 978-80-247-3149-0  
 Křivohlavý, J. Psychologie zdraví. Praha: Portál, 2003. 278 s. ISBN 80-71785-61-2  
 Beran, J. a kol. Lékařská psychologie v praxi. Praha: Grada, 2009. 144 s.  
 ISBN 978-80-247-1125-6  
 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: 67

| A     | ABS0 | B     | C    | D    | E    | FX  |
|-------|------|-------|------|------|------|-----|
| 38,81 | 0,0  | 34,33 | 20,9 | 4,48 | 1,49 | 0,0 |

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

**Last change:** 22.09.2020

**Approved by:**

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |
| <b>Course ID:</b><br>JLF.ÚPAs/J-1-OS-033/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>Sociology and Social Politics |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 15 / 15<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |
| <b>Recommended prerequisites:</b><br>Psychology I-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |
| <b>Course requirements:</b><br>Student Assessment takes the form of an oral examination. Conditions for passing the subject consist - semester work, written test, the minimum threshold of 60% success. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % or less.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |
| <b>Learning outcomes:</b><br>1. Understanding of key sociological concepts, theories and research<br>2. Understanding of the politics of health and of social policy and its impacts on health<br>3. Understanding the relationship between individuals, families, groups, communities and society                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                       |
| <b>Class syllabus:</b><br>Sociology and Sociology of Health. Basic concepts (sociological research, socialization, re-socialization, social institutions social role, social status, socio-economic status). Sociology of Health and sociology in health care.<br>Social environment. Promoting social environment, suggestibility environmental factors. Primary (home) environment, the hospital environment.<br>2 Sociology patient. Position the patient in a functional system of the hospital. Patient empowerment society. Disease as a cause of disruption of social support, the influence of social support environment on health; phase of illness from a sociological point of view, the social consequences of illness, chronic disease prevention. Civilization diseases.<br>3 Health and human behavior. Understanding and healthy behavior change, health care system, the importance of health for society, the behavior of the disease, current health trends, health systems, the influence of social relationships on the health of the individual. Biopsychosociálne factors sustaining, strengthening and promoting health.<br>4 Social inequality and social exclusion. Equality and equity, modeling relationships between social factors and health, socio-economic inequalities in health. Determination of socio-economic inequalities in health. Social stratification.<br>5 social groups and social behavior. Group structure, types of groups, organizations, social interaction, social integration in the group. Needs and interests, group communication, negotiation, |                                                       |

|                                                                                                                                                                                                                                                                    |      |       |      |     |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-----|------|-----|
| social roles in the group, identification with a group, collective behavior, social control, regulation of human behavior.                                                                                                                                         |      |       |      |     |      |     |
| 6 Sociology nursing. Occupations and professions sisters. Role of nurses. Relationship nurse - patient. Relationship Sister - physician. Socialization and the role of nurses, sebakoncepcia roles and relationships. Intergenerational conflict in the workplace. |      |       |      |     |      |     |
| 7 Social policy in Slovakia. Health care system in the Slovak Republic; citizens' rights in health care, the role of the state in health care, health development strategy. Social work. Political system.                                                         |      |       |      |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                     |      |       |      |     |      |     |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                              |      |       |      |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                      |      |       |      |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 67                                                                                                                                                                                           |      |       |      |     |      |     |
| A                                                                                                                                                                                                                                                                  | ABS0 | B     | C    | D   | E    | FX  |
| 64,18                                                                                                                                                                                                                                                              | 0,0  | 26,87 | 7,46 | 0,0 | 1,49 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Martina Bašková, PhD., PhDr. Simona Kelčíková, PhD., doc. Mgr. Ivana Bóriková, PhD., doc. Mgr. Martina Tomagová, PhD.                                                                                                                  |      |       |      |     |      |     |
| <b>Last change:</b> 29.09.2020                                                                                                                                                                                                                                     |      |       |      |     |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                |      |       |      |     |      |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-008/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Summer Practice (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> 16 <b>per level/semester:</b> 240<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |
| <b>Recommended prerequisites:</b><br>The nursing techniques 1, The needs of the patient and the nursing process 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |
| <b>Course requirements:</b><br>For completion the subject (ABS0) student must meet the following conditions:<br>1. To complete 240 hours of clinical practice:<br># 160 hours in workplaces of surgical / internistic disciplines.<br># 80 hours in community facilities.<br>2. To submit to responsible teacher:<br>- nursing documentation from surgery / internal medicine disciplines / departments<br>3. Student has to confirm in Book of clinical nursing practice at every clinical workplace:<br>- Confirmation about safety regulations and record of arrivals and departures to / from workplace.<br>- Allocation sheet.<br>- List of practical outputs. |                                             |
| <b>Learning outcomes:</b><br>After completion of the course the student will be able to provide individualized nursing care with an emphasis on a holistic approach to the needs of patients having any disease. Student will improve his implementation of the required basic nursing techniques, practices and performances, and he will follow standard criteria for specific performance. The student also acquaints himself with the fundamental knowledge and skills for the provision of community-based nursing care.                                                                                                                                       |                                             |
| <b>Class syllabus:</b><br>- Providing of individualized nursing care by nursing process method at selected clinical workplaces (surgical / internal medicine disciplines departments) and community departments.<br>- Performing the prescribed nursing procedures and techniques in patients.<br>- Documentation of nursing procedures and techniques and health care in the medical records of patients at clinical departments.<br>- Performing the education of patient and their family members (in the range of competence of nurse).                                                                                                                         |                                             |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                             |

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

GURKOVÁ, E., ŽIAKOVÁ, K., ČÁP, J. a kol. Vybrané ošetrovatel'ské diagnózy v klinickej praxi. Martin : Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.

KONTOVÁ, L., ZÁČEKOVÁ, M., HULKOVÁ, V. a kol. Štandardy v ošetrovatel'stve. 1. vyd. Martin : Osveta, 2005. 216 s. ISBN 80-8063-198-0.

KOZIEROVÁ, B., ERBOVÁ, G., OLIVIEROVÁ, R. Ošetrovatel'stvo 1.,2., 1. vyd. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

KRIŠKOVÁ, A. a kol. Ošetrovatel'ské techniky. 1. vyd. Martin : Osveta, 2001. 804 s. ISBN 80-8063-087-9.

MIERTO VÁ, M., ŽIAKOVÁ, K., OVŠONKOVÁ, A. a kol. Multimediálna vysokoškolská učebnica techník a zručností. [online]. UK v Bratislave, JLF v Martine, Ústav ošetrovatel'stva, 2015. 672 s. ISBN 978-80-89544-88-2. Dostupné na internete: <<http://e-knihy.jfmed.uniba.sk/knihy/ostech/>>.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovatel'stve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

**Languages necessary to complete the course:**

Slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 80

|       |     |
|-------|-----|
| ABS0  | M   |
| 100,0 | 0,0 |

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

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-028/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Summer Practice (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 16 <b>per level/semester:</b> 240<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |
| <b>Number of credits:</b> 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |
| <b>Recommended prerequisites:</b><br>Nursing technique 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |
| <b>Course requirements:</b><br>For completion the subject (ABS0) student must meet the following conditions:<br>1. To complete of 240 hours clinical practice at workplaces:<br>- surgical / internal medicine disciplines / departments 120 hours<br>- community facilities 40 hours<br>- psychiatric departments 80 hours.<br>2. To submit to responsible teacher:<br>- nursing documentation from surgery / internal medicine disciplines / departments<br>- education plan form community facilities.<br>3. Student has to confirm in Book of clinical nursing practice at every clinical workplace:<br>- Confirmation about safety regulations and record of arrivals and departures to / from workplace.<br>- Allocation sheet.<br>- List of practical outputs.<br>Scale of assessment (preliminary/final): 100/0 |                                             |
| <b>Learning outcomes:</b><br>Student will be able to give an appropriate individualized nursing care to patients with respect the professional and ethic norms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |
| <b>Class syllabus:</b><br>Providing of individualized nursing care by nursing process method at selected clinical workplaces (surgical / internal medicine disciplines, psychiatric departments) and community departments.<br>Performing the prescribed nursing procedures and techniques in in-patients and in clients located in community departments.<br>Documentation of nursing procedures and techniques and health care in the medical records of patients at clinical departments.<br>Performing the education of patient and their family members (in the range of competence of nurse).<br>Performing the communication by the SBAR method.                                                                                                                                                                 |                                             |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimedialna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

GURKOVÁ, E., ŽIAKOVÁ, K., ČÁP, J. a kol. Vybrané ošetrovatel'ské diagnózy v klinickej praxi. Martin: Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.

KONTOVÁ, L., ZÁČEKOVÁ, M., HULKOVÁ, V. a kol. Štandardy v ošetrovatel'stve. 1. vyd. Martin: Osveta, 2005. 215 s. ISBN 80-8063-198-0.

KOZIEROVÁ, B., ERBOVÁ, G., OLIVIEROVÁ, R. Ošetrovatel'stvo 1.,2. 1. vyd. Martin: Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

KRIŠKOVÁ, A. a kol. Ošetrovatel'ské techniky. 2. vyd. Martin: Osveta, 2006. 780 s. ISBN 80-8063-202-2.

OSACKÁ, P. a kol. Techniky a postupy v ošetrovatel'stve. 1. vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007. 505 s. ISBN 978-80-88866-48-0.

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovatel'stve. Martin: Osveta, 2008. 198 s. ISBN 80-8063-270-0.

ŽIAKOVÁ, K. a kol. Ošetrovatel'stvo vo vnútornom lekárstve. 1. vyd. Martin: Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine. 2003. s. 78 - 88. ISBN 80-88866-28-6.

**Languages necessary to complete the course:**

slovak language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 71

|       |     |
|-------|-----|
| ABS0  | M   |
| 100,0 | 0,0 |

**Lecturers:** Mgr. Michaela Miertová, PhD.

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-023/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Surgery and Nursing (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 60 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
| <b>Recommended prerequisites:</b><br>Patient' Needs and Nursing process, Pathological Anatomy and Pathological Physiology, First Aid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| <b>Course requirements:</b><br>100% participation in the exercises, at least 60% in the test 1, 2 (the proper term and 2 correction terms, 50 hours supervised practical outputs<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands the mechanism of formation, development, symptomatology, clinical features, diagnosis, therapeutic and nursing procedures of acute and chronic wounds, fractures and degenerative musculoskeletal diseases, burns, shock Burns, cancer, breast cancer, urological disorders, thyroid disease.<br>Student is able to identify nursing problems of surgical patient, identify nursing priority during emergency admissions and arranged admission.<br>Student is able to apply knowledge to solving nursing problems in selected most frequently occurring diseases, injuries in general surgery under natural conditions of clinical practice as well as on the basis of scenarios generated through case studies (in adults, the elderly, a patient with diabetes mellitus).<br>The student is able to apply knowledge to nursing process, to implement specific nursing interventions in the perioperative period in multi-day surgery, in one day surgery, in minimally invasive surgery.<br>The students is able to develop a preoperative nursing and teaching plans designed to promote the patient's recovery from anesthesia and surgery, thus preventing postoperative complications.<br>The student is able to synthesize knowledge from medical, nursing and humanities with an emphasis on clinical condition, diagnostic, therapeutic and preventive measures in terms of early recovery of the patient in general surgery.<br>The student demonstrates skills in communication with a nurse and surgeon using the SBAR method. |                                                 |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |

- Examination of surgical patient: subjective and objective symptoms; inspection, palpation, percussion, auscultation.
- The wound – definition; sorts of wounds; primary, secondary, tertiary healing; phases in wound healing (reaction, regeneration, maturation). Wound care Consultant Society – classification systems, WCS-classification model (black wounds, yellow wounds, red wounds, mixed wounds), importance of a moist wound environment, common factors. Asepsis, antisepsis, germicide, sterilization. Wound care management aseptic and septic wound, principles of surgical treatment, indication for surgical procedure.
- Musculoskeletal trauma - contusion, strains and sprains, joint dislocation, knee injuries, fractures. Diagnostic, general principles of conservative and surgical treatment. Specific orthopedic degenerative disorders – diagnostic, treatment.
- Postoperative complications, their diagnostic and treatment possibility.
- Burns - incidence, severity, pathophysiology, local effects of burns, and systemic changes in major burns (fluid shifts, hemodynamics, metabolic demands, renal activity, pulmonary changes, hematological changes, immunological activity, and gastrointestinal changes). Burn shock. Methods of treating burns.
- Plastic reconstructive surgery – skin grafting, dermabrasion.
- Infection in surgery (wound, sepsis, SIRS). ATB prophylaxis and treatment. Infection of hand.
- Anesthesia - local and general.
- Shock, pathophysiology, type, diagnostic, monitoring, treatment possibility.
- Transfusion therapy.
- Operative risk factors. Surgical care of the elderly. Diabetes mellitus in surgery. Diabetic foot syndrome.
- Blood disorders in surgery - bleeding disorders, clotting defects, diagnostic and treatment.
- Patient with cancer in surgical ward. Cancer's warning signals. Benign and malignant tumors, metastasis. Diagnostic evaluation, staging, surgery treatment. Ostomy (tracheo, gastro, entero, colostomy). Chemotherapy and radiotherapy.
- Breast disorders – inflammation, tumors, cancer of the breast. Diagnostic evaluation, treatment possibility.
- Frequent urinary disorders in surgery – benign. Diagnostic evaluation, treatment possibility.
- Donors and transplantation program. Malignant urinary disorders. Diagnostic evaluation, treatment possibility.
- Endocrine disorders (thyroid gland, adrenal gland). General principles of conservative and surgical treatment. Surgical disorders of the spleen (hypersplenizmus, trauma).
- Transplantation and donor program in surgery.

#### **Recommended literature:**

- BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K.: Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál JLF UK [online]. Dostupný z WWW: <<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] Dostupné na internete: <http://oschir.jfmed.uniba.sk>
- JANÍKOVÁ, E., ZELENÍKOVÁ, R. 2013. Ošetrovatelská péče v chirurgii. 1. vyd. Praha: Grada, 2013. 249 s. ISBN 978-80-247-4412-4.
- KOL. AUTOROV. 2008. Sestra a urgentní stavy. 1. vyd. Praha: Grada, 2008. 552 s. ISBN 978-80-247-2548-2.

OLEJNÍK, J. et al. 2002. Perioperačný manuál chirurga. 1. vyd. Bratislava: Ebner, 2002. 387 s. ISBN 80-968653-2-3.

SLEZÁKOVÁ, L. et al. 2010. Ošetrovatelství v chirurgii I. 1. vyd. Praha: GRADA, 2010. 268 s. ISBN 978-80-247-3129-2.

ZEMAN, M. et al. 2003. Chirurgická propedeutika. 2. vyd. Praha : Grada, 2003. 524 s. ISBN 80-7169-705-2.

SMELTZER, S. C. et al. 2008. Textbook of Medical - Surgical Nursing. 11 th ed. Philadelphia : Lippicott Company, 2008. 2630 p. ISBN 978-0-7817-5978-6.

GURKOVÁ, E. et al. 2009. Vybrané ošetrovateľské diagnózy v klinickej praxi. 1. vyd. Martin: Osveta, 2009. 244 s. ISBN 97-880-806330-80.

KAPOUNOVÁ, G. 2007. Ošetrovatelství v intenzivní péči. 1. Vyd. Praha : Grada, 2008. 352 s. ISBN 978-80-247-1830-9.

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

SIMAN, J. et al. 2007. Princípy chirurgie. Bratislava : SAP, 2007. 923 s. ISBN 80-89104-940.

ŽIAKOVÁ, K. et al. 2007. Ošetrovateľské konceptuálne modely. 1. vyd. Martin: Osveta, 2007. 190 s. ISBN 80-8063-247-2.

**Languages necessary to complete the course:**

slovak language, czeck language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 67

| A     | ABS0 | B     | C     | D    | E    | FX  |
|-------|------|-------|-------|------|------|-----|
| 37,31 | 0,0  | 43,28 | 13,43 | 2,99 | 2,99 | 0,0 |

**Lecturers:** doc. MUDr. Juraj Miklušica, PhD., Mgr. Edita Hlinková, PhD., MUDr. Marek Smolár, PhD., MPH, MUDr. Ivana Daňová, PhD., MUDr. Anton Mikolajčík, PhD., MUDr. Blažej Palkoci, PhD.

**Last change:** 05.09.2018

**Approved by:**

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-024/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Surgery and Nursing (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 60 / 30<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |
| <b>Recommended prerequisites:</b><br>Surgery and nursing 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
| <b>Course requirements:</b><br>- 90 % participation in the exercises<br>- at least 60% in the test 1, 2 - 7, 13 week semester (the proper term) + 2 correction terms<br>- 50 hours checked practical outcomes<br>Scale of assessment (preliminary/final): 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |
| <b>Learning outcomes:</b><br>After completion of the subject the student understands the mechanism of formation, development, symptomatology, clinical features, diagnosis, therapeutic and nursing procedures for the selection, the most frequent illnesses, injuries, conditions and congenital defects in a special surgery: surgical disorders of gastrointestinal tract; hepato-pancreato-biliary tract; surgical intrathoracic disease, surgical arterial and venous diseases, diseases of the CNS and peripheral nerves, diseases of the head, circle and ORL, eye diseases, diseases in maxillofacial surgery, pediatric surgery.<br>Student is able to identify nursing problems of surgical patient, identify nursing priority during emergency admissions and arranged admission.<br>Student is able to apply knowledge to solving nursing problems in selected most frequently occurring diseases, injuries (and polytrauma) in special surgery under natural conditions of clinical practice as well as on the basis of scenarios generated through case studies.<br>The student is able to apply knowledge to nursing process, to implement specific nursing interventions in the perioperative period in multi-day surgery, in one day surgery, in minimally invasive surgery.<br>The students is able to develop a preoperative nursing and teaching plans designed to promote the patient's recovery from anesthesia and surgery, thus preventing postoperative complications.<br>The student is able to synthesize knowledge from medical, nursing and humanities with an emphasis on clinical condition, diagnostic, therapeutic and preventive measures in terms of early recovery of the patient in special surgery.<br>Student is able to use ethical principles in surgical practice.<br>The student is able to communicate with a nurse and with a doctor of the SBAR model. |                                                 |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |

- Ethics and surgical practice.
- Surgical disorders of esophagus, stomach, duodenum. Diagnostic evaluation, surgical treatment.
- Surgical disorders of small intestine, large intestine and rectum. Diagnostic evaluation, surgical treatment.
- Surgical disorders of liver, gall bladder, biliary and pancreas. Diagnostic evaluation, surgical treatment.
- Acute abdomen disorders, classification. Inflammatory and obstructive processes. Diagnostic evaluation, surgical treatment.
- Bleeding from gastrointestinal system. Diagnostic evaluation, surgical treatment. Hernia.
- Pediatric surgery. Frequent surgical disorders of newborn. Acute abdomen disorders.
- Frequent surgical benign disorders in surgery of head and neck. Diagnostic evaluation, surgical treatment.
- Frequent surgical benign malignant disorders in surgery of head and neck. Diagnostic evaluation, surgical treatment.
- Polytrauma, definition. Chest trauma, tamponade, abdominal trauma. General principles of diagnostic and treatment. Observation of the patient – respiratory, cardiovascular, renal – urinary, neurologic monitoring.
- Traumatic disorders of the nervous system. Changes of consciousness, unconsciousness. Head trauma, spinal cord injury. Increased intracranial pressure. Brain tumors, spinal cord tumors. Diagnostic evaluation, surgical treatment.
- Surgical disorders in the thoracic cavity. Diagnostic evaluation, surgical treatment. Cardiac surgical disorders. Surgical disorders of aorta and artery. Diagnostic evaluation, surgical treatment.
- Surgical venous disorders. General principles of conservative treatment. Surgical treatment possibility.
- Frequent benign and malignant eyes disorders. Diagnostic evaluation, surgical treatment.
- Frequent benign and malignant disorders in stomatology and maxillofacial surgery. Diagnostic evaluation, treatment possibility.

#### **Recommended literature:**

- HLINKOVÁ, E., NEMCOVÁ, J. a kol. 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. 2015-01-13] Dostupné na internete: <http://oschir.jfmed.uniba.sk>
- BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovateľstve. Multimediálna podpora výučby klinických a zdravotníckych disciplín: Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>.
- GURKOVÁ, E. a kol. Vybrané ošetrovateľské diagnózy v klinickej praxi. Martin: Osveta, 2009. 244 s.
- Hoch, J., Lefler, J. 2011. Speciální chirurgie. 1. Vyd. Praha: Maxdorf, 2011. 590 s. ISBN 978-80-7345-253-7.
- JANÍKOVÁ, E., ZELENÍKOVÁ, R. Ošetrovateľská péče v chirurgii pro bakalářské a magisterské studium. Praha: Grada, 2013. 249 s.
- KANOUPOVÁ, G. Ošetrovateľství v intenzivní péči. Praha: Grada, 2007, 350s.
- KOL. AUTOROV. Sestra a urgentní stavy. Praha: Grada, 2008. 549 s.
- OLEJNÍK, J. a kol. 2002. Perioperační manuál chirurga. Bratislava: Ebner, 2002. 387 s.
- PAFKO, P. et al. 2008. Základy speciální chirurgie. 1. Vyd. Praha: Galén, 2008. 385 s. ISBN 978-80-7262-402-7.
- SLEZÁKOVÁ, L. a kol. Ošetrovateľství v chirurgii II. Praha: Grada, 2010. 300 s.

ZEMAN, M., KRŠKA, Z. Špeciálna chirurgia - 3. doplnené a prepracované vydanie. Praha: Galén, 2014. 511 s. ISBN 978-80-7492-128-5.  
 ŽIAKOVÁ, K. a kol. 2007. Ošetrovateľské konceptuálne modely. Martin: Osveta, 2007. 190 s.

**Languages necessary to complete the course:**

slovak language, czech language

**Notes:**

**Past grade distribution**

Total number of evaluated students: 67

| A     | ABS0 | B     | C    | D    | E    | FX   |
|-------|------|-------|------|------|------|------|
| 38,81 | 0,0  | 22,39 | 19,4 | 8,96 | 8,96 | 1,49 |

**Lecturers:** doc. MUDr. Juraj Miklušica, PhD., Mgr. Edita Hlinková, PhD., MUDr. Miroslav Slezák, doc. MUDr. Anton Dzian, PhD., MUDr. Adam Švec, MUDr. Eva Kúdelová, MUDr. Peter Mikolajčík, MUDr. Martin Pribula

**Last change:** 17.10.2017

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                         |
| <b>Course ID:</b><br>JLF.ÚO/J-1-OS-047/17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course title:</b><br>Winter Practice |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 16 <b>per level/semester:</b> 240<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |
| <b>Recommended prerequisites:</b><br>Surgery and nursing 2, Internal medicine/gerontology and nursing 2, Psychiatry, mental health and nursing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |
| <b>Course requirements:</b><br>For completion the subject (ABS0) student must meet the following conditions<br>1. To complete of 240 hours of clinical nursing practice:<br>- surgical / internal medicine disciplines / departments 120 hours<br>- psychiatric departments 60 hours<br>- paediatric departments 60 hours<br>2. To submit to responsible teacher:<br>- nursing documentation from surgery / internal medicine disciplines / departments<br>3. In Book of clinical nursing practice student must confirm:<br>- confirmation about safety regulations and record of arrivals and departures to/from workplace,<br>- allocation sheet<br>- list of practical outputs (for check). |                                         |
| <b>Learning outcomes:</b><br>After completion of the subject the student will be able to provide individualised nursing care with emphasis on a holistic approach to the needs of the patients in each of the diseases. The student will improve the implementation of the basic nursing techniques, procedures and performances will adhere to the standard of a particular procedures criteria. Student will be able to implement the education of patients and their relatives. Student will be able to communicate by the SBAR method.                                                                                                                                                     |                                         |
| <b>Class syllabus:</b><br>Providing of an individualized nursing care by nursing process method on the selected clinical workplaces.<br>Performing the prescribed procedures and nursing techniques.<br>Documentation of nursing procedures and techniques and health care in the medical records of patients at clinical departments.<br>Performing the education of patients and their relatives (in the range of competence of nurse).<br>Performing the communication by the SBAR method.                                                                                                                                                                                                  |                                         |

**Recommended literature:**

BÓRIKOVÁ, I., TOMAGOVÁ, M., ŽIAKOVÁ, K. Meracie nástroje v gerontologickom ošetrovatel'stve. Multimediálna podpora výučby klinických a zdravotníckych disciplín : Portál Jesseniovej lekárskej fakulty Univerzity Komenského [online]. [cit. 2014-01-22]. Dostupný z WWW: <<http://portal.jfmed.uniba.sk/clanky.php?aid=251>>. ISSN 1337-7396.

GURKOVÁ, E., ŽIAKOVÁ, K., ČÁP, J. a kol. Vybrané ošetrovatel'ské diagnózy v klinickej praxi. Martin : Osveta, 2009. 243 s. ISBN 978-80-8063-308-0.

KONTROVÁ, L., ZÁČEKOVÁ, M., HULKOVÁ, V. a kol. Štandardy v ošetrovatel'stve. 1. vyd. Martin : Osveta, 2005. 216 s. ISBN 80-8063-198-0.

KOZIEROVÁ, B., ERBOVÁ, G., OLIVIEROVÁ, R. Ošetrovatel'stvo 1.,2., 1. vyd. Martin : Osveta, 1995. 1474 s. ISBN 80-217-0528-0.

KRIŠKOVÁ, A. a kol. Ošetrovatel'ské techniky. 1. vyd. Martin : Osveta, 2001. 804 s. ISBN 80-8063-087-9.

OSACKÁ, P. a kol. Techniky a postupy v ošetrovatel'stve. 1.vyd. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2007. 505 s. ISBN 978-80-88866-48-0

TOMAGOVÁ, M., BÓRIKOVÁ, I. a kol. Potreby v ošetrovatel'stve. Martin : Osveta, 2008. 198 s. ISBN 80-8063-270-0.

**Languages necessary to complete the course:**

Slovak language

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

Total number of evaluated students: 41

|       |     |
|-------|-----|
| ABS0  | M   |
| 100,0 | 0,0 |

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

**Last change:** 17.10.2017

**Approved by:**