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## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1001W/22	<b>Course title:</b> Anatomy
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> During the semester: Active participation in lectures. Final evaluation: written exam (0-100). The number of points obtained for the final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Course objective: <ul style="list-style-type: none"> <li>• <b>Knowledge:</b> Acquisition of anatomical nomenclature and basic anatomical concepts, anatomical planes and directions. Acquiring detailed knowledge about the anatomical structure of individual organs and organ systems. Be able to describe in Latin a macroscopic view of individual organs and also their anatomical structure and the anatomical structure of the walls of individual organs.</li> <li>• <b>Skills:</b> Based on the anatomical description, be able to identify and characterize individual organs and individual systems of the human body.</li> <li>• <b>Competences:</b> By understanding the anatomical structure and structure, also understand the physiological functions of individual systems.</li> </ul>	
<b>Course contents:</b> Anatomy of the axial skeleton, skeleton of the limbs. Myology, muscles of the head, torso and limbs. Anatomy and structure of the digestive system. Anatomy and structure of the respiratory system. Structure of the heart, anatomy and branching of blood vessels. Lymphatic system. Anatomy and structure of the urinary system. Anatomy of male and female genitals. Blood. Endocrine system. Nervous system. Sensory organs.	

**Recommended or required literature:**

1. KUBAS, V. – KOPPAL, P.- KUBAS, V.ml. – DUFFEK, M. a kol. 2021. Anatomia pre nelekárske vedy. Ružomberok: Verbum. 2021, 151 s. ISBN 978-80-561-0884-0
2. ČIHÁK, R. 2001. Anatomie I. Praha: Grada Publishing. 2001. 497 s. ISBN 8071699705
3. ČIHÁK, R. 2002. Anatomie II. Praha: Grada Publishing. 2002. 470 s. ISBN 978–80–247–4788–0
4. ČIHÁK, R. 2004. Anatomie III. Praha: Grada Publishing. 2004. 673s. ISBN 80-247-1132-X
5. MRÁZ, P. a kol. 2012. Anatomia ľudského tela I. Bratislava: Slovak Academic Press. 2012, 509 s. ISBN 978-80-8095-081-1
6. MRÁZ, P. a kol. 2012. Anatomia ľudského tela II. Bratislava: Slovak Academic Press. 2012, 487 s. ISBN 978-80-8095-082-8

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
33.33	0.0	0.0	16.67	50.0	0.0

**Name of lecturer(s):** MUDr. Viliam Kubas, PhD., doc. MUDr. Marián Šanta, CSc.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V24S/22	<b>Course title:</b> Bachelor Thesis Defense
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> <b>Teaching method:</b> on-site	
<b>Credits:</b> 6	<b>Working load:</b> 150 hours
<b>Recommended semester/trimester:</b> 5., 6..	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: the student has successfully completed all prescribed study obligations of the bachelor's study program. The student's knowledge and skills in the defense of the bachelor's thesis will be checked and evaluated according to standard criteria by the commission for state examinations. Credits will be awarded to a student who has obtained at least 60 out of 100%. Rating: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%- 0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: the student has the knowledge necessary to write a bachelor's thesis in the areas of public health listed in the brief outline. Has knowledge about the topic and objectives of the final bachelor's thesis.</li> <li>• Skills: The student can defend the final bachelor's thesis and can prepare its presentation in PPT.</li> <li>• Competences: passing the state exam is a confirmation that the student has mastered the requirements of the study program and can solve tasks in the performance of the profession.</li> </ul>	
<b>Course contents:</b> Passing the state exam is confirmation that the student has mastered the requirements of the study program in both the theoretical and practical parts and has acquired knowledge and practical skills as well as competence in the following areas: Preventive occupational medicine. Health advisors. Environmental hygiene. Hygiene of children and youth. Food hygiene. Epidemiology of non-infectious diseases. Epidemiology of infectious diseases. To protect and promote health.	

**Recommended or required literature:**

1. BAKOSS A SPOL.: Epidemiológia. Bratislava 2011, vyd. Univerzita Komenského, 520 s., ISBN 978-80-2232-929-3
2. EGNEROVÁ, A. a kol. 2010. Epidemiológia základy a metódy. Bratislava : Slovenská zdravotnícka univerzita, 2010. 141s., ISBN 978-80-8935-267-8
3. ROVNÝ, I. a kol. 2004. Hygiena výživy. Bratislava : Herba , 2004, 217 s. ISBN 8089171168
4. KUDLOVÁ, E., a kol. 2009. Hygiena výživy a nutričná epidemiológia. Praha : Karolinum , 2009, 217 s. ISBN 8089171168
5. JURKOVIČOVÁ, J. a kol. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.
6. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
7. ROVNÝ, I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 8089171222
8. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 8089171184 4.
9. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
10. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia. Martin : Osveta, 2003, 1132 s. - ISBN 80-806-31131
11. NOVÁKOVÁ, J., HAMADE , J. 2010. Aktuálne témy v oblasti hygieny detí a mládeže, ÚVZ SR, 2010, 56 s. ISBN 978-80-7159-185-6
12. ROVNÝ, I. a kol. 2009. Prevencia závislosti a fajčenia tabaku. ÚVZ SR Bratislava, 2007, 143 s. ISBN 978-80-7159-164-1
13. ROVNÝ, I. 2009. Verejné zdravotníctvo, Herba : Bratislava, 2009, 125 s. ISBN 978-80-89171-60-6
14. FARGAŠOVÁ, A. 2008. Enviromentálna toxikológia a všeobecná ekotoxikológia, Bratislava : Orman , 2008, 188 s. ISBN 80-223-1887-6

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
66.67	11.11	11.11	11.11	0.0	0.0

**Name of lecturer(s):****Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1003W/22	<b>Course title:</b> Biochemistry
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> During the semester: participation in lectures in which students analyze assigned topics. Final assessment: written exam (0-50 points) The number of points obtained for the final evaluation is 50. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student acquires basic knowledge about biochemistry and the biochemical nature of the disease. The student will acquire complex knowledge and skills about biochemical processes in the human organism. The student will become familiar with the structure of the cell, especially its organic composition such as carbohydrates, lipids, proteins, nucleic acids. At the same time, he will gain knowledge about the metabolism of carbohydrates, lipids, energy production and localization of these processes in cells. He will also become familiar with enzymes as catalysts of biochemical reactions, with vitamins and hormones. He will understand the individual phases of the clinical-biochemical examination.</li> <li>• Skills: can apply acquired knowledge in nursing practice.</li> <li>• Competences: the student will be able to dispose of the acquired knowledge and skills mentioned above and actively use them in nursing practice.</li> </ul>	
<b>Course contents:</b> Brief subject scheme: Characteristics of biochemistry. Cell structure and its relation to metabolism. Chemical composition of the cell. Structure and functions of biological membranes, transport of substances. Characteristics and metabolism of carbohydrates (glycolysis, gluconeogenesis, energy balance of glycolysis, pentose cycle). Glycogen metabolism, Citrate cycle, formation of Acetyl-CoA, glycemia and its regulation. Characterization and metabolism of lipids. The position of cholesterol in human metabolism. Biological oxidations, energy production, electron transport and oxidative phosphorylation, respiratory chain complexes. Structure and function of proteins. Meaning and	

functions of nucleic acids. Biochemistry of the endocrine system, distribution and functions of hormones. Structure and functions of hemoglobin, breakdown of heme and formation of bile pigments, formation and transport of bilirubin. Distribution and functions of vitamins. Enzymology - enzymes and coenzymes, mechanism of enzyme action, speed of enzyme reaction, activation and inhibition of enzymes. Individual phases of clinical-biochemical examination. Pre-analytical phase, biological material and its collection. Analytical phase - possible sources of errors during laboratory examination, Post-analytical phase - interpretation of results.

**Recommended or required literature:**

1. DOBROTA, D. a kol. 2012. Lekárska biochémia. Martin: Osveta, 2012, 723 s. ISBN 978-80-8063-293-9
2. LEDVINA, M.- STOKLASOVÁ, A.- CERMAN, J. 2009. Biochemie pro studující medicíny. 1 díl..Praha: Karolinum, 2009, 269 s., ISBN 978-80-246-1416-8
3. LEDVINA, M.- STOKLASOVÁ, A.- CERMAN, J. 2009. Biochemie pro studující medicíny. 2 díl..Praha: Karolinum, 2009, 275-546 s. ISBN 978-80-246-1415-1
4. MIKUŠOVÁ, K. - KOLLÁROVÁ, M. 2008. Princípy biochémie V schémach a príkladoch. Vydavateľstvo UK, 2008, 161 s., ISBN 978-80-223-2567-7
5. SURŽIN, J. – LEDVINA, M. 2002. Lekárska biochémia. Prešov: Michal Vaško, 2002. 368 s. ISBN 80-7165-326-8
6. ŠAJTER, V. a kol. 2006. Biofyzika, biochémia a rádiológia. Martin, Osveta, 2006, 271 s., ISBN 80-8063-210-3

**Language of instruction:**

Slovak

**Notes:**

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**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
62.5	12.5	0.0	25.0	0.0	0.0

**Name of lecturer(s):** RNDr. Andrea Tvarožná, doc. MUDr. Ivan Solovič, CSc.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1004W/22	<b>Course title:</b> Biology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: Final assessment: written exam (0-20 points) The number of points obtained for the final evaluation is 20. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: the student acquires basic knowledge of general cytology, cell morphology, physiology, molecular biology and general genetics.</li> <li>• Skills: acquisition of the above-mentioned knowledge, as well as skills - based on the description, to identify and characterize individual cells and cell organelles and the physiological processes taking place in them.</li> <li>• Competences: the student controls the relevant parts of biology to the extent necessary for understanding the functioning of beech events (according to the subject outline).</li> </ul>	
<b>Course contents:</b> Cell theory, chemical composition of the cell. Cell organization, Prokaryotic cell, Eukaryotic cell, Microscope. Cytoplasm, Biological membranes, Cell wall, Basics of microscopy. Membrane organelles (Cytoplasmic membrane, Nucleus, Mitochondria, Chloroplasts, Golgi apparatus, Endoplasmic reticulum, Vacuole, Lysosomes, Microbodies, Plastids), Microscopic preparations. Fibrillar organelles (Cytoskeleton, Centrioles), Non-membrane organelles (Ribosomes, Inclusions) Microscopy of cells, cell organelles. Intercellular communication, Intake and release of substances, Bioenergetics of the cell. Cell cycle (Mitosis, Amitosis, Meiosis). Molecular biology, Chemical basis of heredity: DNA, RNA, Genetic code and its expression. Transcription, Translation, Presentation of seminar papers. Autosomal, Gonosomal inheritance. Gene interactions, Extranuclear inheritance. Mutagenesis (Mutations, Mutagenic and repair, Gene, chromosome, genomic mutations), Quantitative and population genetics.	

**Recommended or required literature:**

SABÓ, A. 2008. Biológia. Trnava : Typi Universitatis Tyrnaviensis, 2008. 165 s. ISBN 978-80-80821-99-9

SRŠEŇ, S. 2000. Základy klinickej genetiky a jej molekulárna podstata. Martin : Osveta, 2000. 409 s. ISBN 80-8063-021-6

ŠUBOVÁ, D. 2005. Cytológia. Ružomberok : Katolícka univerzita, 2005. 68 s. ISBN 80-808400-18-0

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
0.0	37.5	25.0	25.0	12.5	0.0

**Name of lecturer(s):** RNDr. Lucián Zastko, PhD., doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1002W/22	<b>Course title:</b> Biophysics and Radiology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final assessment: written exam (0-20 points) The number of points obtained for the final evaluation is 20. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The objective of the course: <ul style="list-style-type: none"> <li>• Knowledge: know the basic physical processes in the human organism. Understand the physical nature of the transformation and transfer of energy in the organism, events in the cell, sight, hearing, and other senses, breathing and blood circulation, locomotor system.</li> <li>• Skills: acquisition of the above knowledge, as well as the importance of ecological biophysics and the connection of the external environment with the functioning of the organism. He knows the properties of ionizing radiation and its effects on humans. He knows the methods of health protection against radiation and the basics of dosimetry.</li> <li>• Competences: The student controls the relevant parts of biophysics to the extent necessary for understanding the functioning of the organism and its parts: thermodynamics, cell biophysics, diffusion and osmosis, properties of gases and liquids, basics of acoustics and optics, electrical and magnetic phenomena, ecological biophysics, radioactivity, effects of radiation on humans and radiation protection.</li> </ul>	
<b>Course contents:</b> Basics of thermodynamics. Basic physical processes in the organism, cell biophysics, action potential. Biophysics of respiration, blood circulation, heart. Human senses, taste, hearing, vocal system. Sight, optics, eye. Ecological biophysics. The influence of external factors on a person. Biophysics of ionizing radiation. Radioactivity. Dosimetry. Biological effects and health protection from radiation. Basic principles of radiation protection, operation of workplaces with radiation emitters, definition of protective zones. 9. Conditions for carrying out activities leading to irradiation, monitoring, recording of personal doses, monitoring of radioactive substances, provision of radiation protection. Event, significant event, emergency and radiation emergency,	

protection of residents and the environment, including emergency situations. Activity of the Public Health authorities in the event of a radiation event, accident and accident.

**Recommended or required literature:**

1. ŠAJTER, V. a kol. 2006. Biofyzika, biochémia a rádiológia. Martin, Osveta, 2006, 226 s.
2. HRAZDÍRA, I. – MORNSTEIN, V. 2004. Lékařská biofyzika a přístrojová technika. Brno, Neptun 2004, 396 s.
3. CHRAPAN, J. 2004. Základy biofyziky 1. Ružomberok, KU, 2004, 143s.
4. CHRAPAN, J. 2009. Základy biofyziky 2. Ružomberok, KU, 2009, 241s.
5. ROSINA, J. - VRÁNOVÁ, J. a kol. 2013. Biofyzika pre zdravotnícké a biomedicínske odbory. Praha, Grada 2013. 224 s.
6. NAVRÁTIL, L. - ROSINA, J. a kol. 2005. Medicínska biofyzika. Praha, GRADA, 2005, 524s.

**Language of instruction:**

slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
37.5	62.5	0.0	0.0	0.0	0.0

**Name of lecturer(s):** RNDr. Lucián Zastko, PhD., doc. MUDr. Pavol Dubinský, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1049W/22	<b>Course title:</b> Clinical Practice - Training 4
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 192s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1039W/22	
<b>Requirements for passing the course:</b> a) active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student will deepen the theoretical knowledge acquired in lectures and exercises on the support and protection of the health of children and youth, especially with a focus on the development and improvement of the health of the young generation, and will become familiar with systemic measures aimed at the exclusion or reduction of the risk of diseases and other disorders health. As well as theoretical knowledge of nutrition hygiene.</li> <li>• Skills: The student will acquire practical skills, habits and work skills in the sections of hygiene of children and youth in the facilities of the Regional Offices of Public Health (RÚVZ) and in the section of Hygiene and Epidemiology of the ÚVN SNP FN on nutrition hygiene. He will become familiar with practical activities and actively participate in solutions to both model and real situations.</li> <li>• Competences: Acquires competencies for work in the area for work at the public health office in the section of child and youth hygiene and nutrition hygiene and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> HYGIENE OF NUTRITION: Assessment of nutrition and the nutritional status of a person. Food hygiene - HACCP (Hazard Analysis and Critical Points). Food hygiene professional competence and training of employees. Sanitary measures against unwanted microorganisms and pests in food establishments. Hygienic requirements for the construction and operation of food facilities 6. HYGIENE OF CHILDREN AND YOUTH: Assessment of growth and development of children and youth. Determining physical fitness and performance. Assessment of movement development. Assessment of psychological development. Hygienic requirements for collective facilities for	

children and youth. Hygienic requirements for the educational process. Protection of the health of children and youth in preschool and school age.

**Recommended or required literature:**

1. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava Veda , 2012, 651 s., ISBN 978-80-224-1283-4
2. JURKOVIČOVÁ, J. A KOL. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978-80-223-2816-6.
3. ROVNÝ, I.: Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 80-891-7122-2
4. ŠEVČÍKOVÁ, L. 2006. Hygiena. Bratislava : LF UK Bratislava, Vydavateľstvo UK 2006, 328 s., ISBN 80-223- 2103-6
5. Zákon č. 355/2007 Z.z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
6. 6. Aktuálna legislatíva vzťahujúca sa k činnosti verejného zdravotníctva v príslušnom odbore.

**Language of instruction:**

Slovak Language

**Notes:**

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**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	10.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** prof. MUDr. Anna Lesňáková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1016W/22	<b>Course title:</b> Clinical Practice -Training 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 96s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for completing the subject: a) During the semester: active participation in exercises b) Final evaluation: evaluation of practical performances Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student acquires knowledge about the operation of individual outpatient and hospital departments, their organization and epidemiological regime. Acquires knowledge about the diagnosis of nosocomial infections and basic knowledge about preventive and repressive measures.</li> <li>• Skills: The student applies his theoretical knowledge and acquired basic knowledge about the impact and risks of the environment and the operation of medical facilities on health in the provision of curative and preventive care. He acquired the skills to perform professional activities in the field of hospital hygiene and prevention of nosocomial infections.</li> <li>• Competencies: Acquires competencies for work in the field of hospital hygiene. Knows and analyzes the basic principles of the operation of microbiological laboratories and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: Hygienic-epidemiological regime of the workplace; Use of personal protective work equipment and clothing; Hand hygiene; Handling of linen; Food manipulation; Waste management; Disinfection, sterilization of tools, aids, environment; Barrier treatment; Hygienic principles of biological material collection; Reporting, diagnosis and documentation of nosocomial infections; Preventive and punitive measures aimed at nosocomial infections; Asepsis, antisepsis.	

**Recommended or required literature:**

1. HEGYI, L. a kol. 2011. Základy verejného zdravotníctva. Bratislava : Herba, 2011. 279 s. ISBN 978-80-89171-84-2
2. KOLLÁROVÁ, H. 2011. Vybrané Kapitoly z epidemiologie. Olomouc : Univerzita Palackého, 2011. 206 s. ISBN 978-80-244-2715-7.
3. MAĎAR, R. a kol. 2006. Prevence nozokomiálných nákaz v klinické praxi. Praha : Grada, 2006. 178 s. ISBN 80-247-1673-9
4. ŠRÁMOVÁ, H.: Nozokomiální nákazy II. Maxdorf, Praha 2001, 303 s. ISBN 80-859-1225-2
5. ŠTEFKOVIČOVÁ, M. 2007. Dezinfekcia a sterilizácia teória a prax-II. Žilina: Vrana, 2007. 164 s. ISBN 978-80-968248-3-0
6. ŠULCOVÁ, M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol.: Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
7. JURKOVIČOVÁ,J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.

**Language of instruction:**

Slovak Language

**Notes:**

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**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1031W/22	<b>Course title:</b> Clinical Practice -Training 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 192s <b>Teaching method:</b> on-site	
<b>Credits:</b> 5	<b>Working load:</b> 125 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1016W/22	
<b>Requirements for passing the course:</b> Conditions for completing the course: a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student acquires knowledge about the organization, competences and tasks at workplaces of preventive occupational medicine, at the department of central sterilization of inpatient medical facilities and at workplaces of regional public health authorities focused on the living and working environment. He will acquire theoretical knowledge to perform individual actions of hygiene, epidemiology, as well as health protection and prevention.</li> <li>• Skills: The student applies his theoretical knowledge and acquired basic knowledge about the impact and risks of the environment in environmental and health hygiene, in preventive occupational medicine and in the control of disinfection and sterilization. The student will be actively involved in the work schedule of the designated departments.</li> <li>• Competencies: Acquires competencies for work in the field of hospital hygiene and epidemiology. Knows and analyzes the basic principles of operation and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: Hospital hygiene. Spatial solution of workplaces, provision of drinking water, hot water, ventilation, air conditioning according to types of workplaces, air quality. Movement of persons in a medical facility from the point of view of disease prevention. 3. Requirements for material and technical equipment from the point of view of health protection against communicable diseases. Principles of the hygienic-epidemiological regime in the wards. - The system of processes in a medical facility from the point of view of the prevention of communicable diseases. Decontamination, cleaning, cleaning, disinfection of premises, equipment, surfaces. Personal protective work equipment. Hand hygiene. Hygienic loop. Disinfection control.	

Preparation of sterilization. Types of sterilization according to types of devices and sterilized materials.  
Sterilization control. Laboratory verification of environmental decontamination. Operating rules and health risk assessments at the workplace. Health protection against risks from biological factors at work. Health protection against dangerous chemical substances. Work with cytostatics. Hazardous and other waste in medical facilities. Sharp things.

**Recommended or required literature:**

1. HEGYI, L. a kol. 2011. Základy verejného zdravotníctva. Bratislava : Herba, 2011. 279 s. ISBN 978-80-89171-84-2
2. MAĎAR, R. a kol. 2006. Prevence nozokomiálnych nákaz v klinickej praxi. Praha : Grada, 2006. 178 s. ISBN 80-247-1673-9
3. ŠRÁMOVÁ, H.: Nozokomiální nákazy II. Maxdorf, Praha 2001, 303 s. ISBN 80-859-1225-2
4. ŠTEFKOVIČOVÁ, M. 2007. Dezinfekcia a sterilizácia teória a prax-II. Žilina: Vrana, 2007. 164 s. ISBN 978-80-968248-3-0
5. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
6. JURKOVIČOVÁ, J. A KOL. 2010 Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978—80-223-2816-6.
7. Zákon č. 355/2007 Z.z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
8. Nariadenie vlády SR 83/2013 Z.z. o ochrane zdravia zamestnancov pred rizikami súvisiacimi s expozíciou biologickým faktorom pri práci.
9. Vyhláška Ministerstva zdravotníctva SR č. 553/2007 Z.z., ktorou sa ustanovujú podrobnosti o požiadavkách na prevádzku zdravotníckych zariadení z hľadiska ochrany zdravia

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1039W/22	<b>Course title:</b> Clinical Practice -Training 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 192s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1031W/22	
<b>Requirements for passing the course:</b> a) active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student acquires knowledge about the organization, competences and tasks at workplaces of preventive occupational medicine, at the department of central sterilization of inpatient medical facilities and at workplaces of regional public health authorities focused on the living and working environment. He will acquire theoretical knowledge to perform individual actions of hygiene, epidemiology, as well as health protection and prevention.</li> <li>• Skills: The student applies his theoretical knowledge and acquired basic knowledge about the impact and risks of the environment in environmental and health hygiene, in preventive occupational medicine and in the control of disinfection and sterilization. The student will be actively involved in the work schedule of the designated departments.</li> <li>• Competencies: Acquires competencies for work in the field of work at the public health office, in the field of environment, health protection at work and epidemiology - disinfection and sterilization. and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: WORKPLACE OF PREVENTIVE OCCUPATIONAL MEDICINE: evaluation of physical factors of the working environment; assessment of chemical factors of the working environment; assessment of biological factors of the working environment; minimum safety and hygiene requirements for the workplace; medical supervision and assessment of medical fitness; ENVIRONMENTAL HYGIENE: supplying the population with safe drinking water; hygienic requirements for the operation of artificial and natural swimming pools; hygienic requirements for the operation of facilities for the care of the human body. DEPARTMENT OF HYGIENE AND	

EPIDEMIOLOGY: contamination and decontamination of equipment and environment; Sterility control; Excursion to sewage treatment plants; Excursion to the hydrometeorological institute

**Recommended or required literature:**

1. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava Veda , 2012, 651 s., ISBN 978-80-224-1283-4
1. JURKOVIČOVÁ, J. A KOL. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978-80-223-2816-6.
2. ROVNÝ, I.: Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 80-891-7122-2
3. ŠEVČÍKOVÁ, L. 2006. Hygiena. Bratislava : LF UK Bratislava, Vydavateľstvo UK 2006, 328 s., ISBN 80-223- 2103-6
4. Zákon č. 355/2007 Z.z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
5. 6. Aktuálna legislatíva vzťahujúca sa k činnosti verejného zdravotníctva v príslušnom odbore.

**Language of instruction:**

Slovak Language

**Notes:**

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**Course evaluation:**

Assessed students in total: 5

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1017W/22	<b>Course title:</b> Communication
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for completing the subject: a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> The aim of the course: <ul style="list-style-type: none"> <li>• Knowledge: The student deepens theoretical knowledge in the field of professional communication and the specifics of communication. The student will gain knowledge about the latest approaches in the field of ethics and decision-making in the field of public health.</li> <li>• Skills: The student will be able to demonstrate the basics of professional behavior in health care. Master the model of effective communication based on the situation, environment and self-evaluation. He will acquire practical skills that will help him analyze current ethical problems affecting the field of public health, on the basis of which he will be able to make decisions in specific situations.</li> <li>• Competences: Acquires competencies within professional behavior in health care.</li> </ul>	
<b>Course contents:</b> Characteristics of social communication. Non-verbal communication, paralinguistic aspects of communication, Verbal communication. Rules of communication. Empathy. The importance of communication. Verbal manifestations. An interview. Questions in interviews. The structure of the conversation. Evaluation, devaluation. Assertive behaviour. The need for information. Communication styles, communication models. General principles of effective communication. Communication with different characters - sanguine, choleric, melancholic, phlegmatic. Effective communication with the patient. Communication with a patient of another nationality - a multicultural approach. Communication with the child. Communication during mass accidents and extraordinary events. Communication within team cooperation. Factors affecting communication - fear, stress, mental disorders, emergencies.	

Codes of ethics and requirements for health workers. Moral and ethical dilemmas in healthcare at the beginning of life - artificial reproduction, viability, artificial termination of pregnancy, contraception. Moral-ethical evaluation of problems in the care of sexual and reproductive health: the problem of sterilization, castration, prenatal diagnostics, programmed birth, transplantation of human fetal tissues. selective reproduction, eugenics and public health. Ethics and ethics commissions. The process of obtaining informed consent. Ethics, screening, control of infectious diseases and coercive means in healthcare. Ethics of transplantation. Ethics, smoking and environmental health. Ethics at the end of life - euthanasia, futile treatment, failure to provide treatment to the dying. Patients' rights and ethics. Ethics and screening programs, immunization, development of new drugs. Ethics and preventive programs

**Recommended or required literature:**

1. CHALUPA, R. 2012. Efektivní krizová komunikace. Praha, Grada 2012, 169 s. ISBN 978-80-247-4234-2
2. PTÁČEK, R. 2011. Etika a komunikace v medicíně. Praha, Grada 2011, 528 s. ISBN 978-80-247-3976-2
3. HUMENÍK IVAN, SZANISZLÓ M. 2012. Biomedicínsky výskum, právne, etiky, filozoficky. Bratislava, Eurokódex, 2012 336 s. ISBN 978-80-89447-73-2
4. JEMELKA PETER, 2013. Kapitoly z aplikovanej etiky III. Úvod do bioetiky, Michal Vaško, 2013, 92.s. ISBN 978-80-7165-905-1
5. LITTVÁ, V a kol. 2019. Profesijsná aplikovaná etika vo verejnom zdravotníctve, Verbum, Ružomberok, 2019, 174 s. ISBN 978-80-561-0694-5
6. LITTVÁ,V. a kol. 2020. Profesijsná aplikovaná etika v urgentnej zdravotnej starostlivosti, Verbum, Ružomberok, 2020, 281 s. ISBN 978-80-561-0835-2
7. VÁCHA MAREK, 2012. Základy moderní lékařské etiky, Portál 2012, 302 s. ISBN 978-80-7367-780-0

**Language of instruction:**

Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 7

A	B	C	D	E	FX
85.71	0.0	0.0	0.0	0.0	14.29

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, RNDr. PaedDr. Mária Nováková, PhD., MBA

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1056W/22	<b>Course title:</b> Continuous Professional Practice - Training 4
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 80s <b>Teaching method:</b> on-site	
<b>Credits:</b> 3	<b>Working load:</b> 75 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1042W/22	
<b>Requirements for passing the course:</b> a) active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student will deepen the theoretical knowledge acquired in lectures and exercises on the support and protection of the health of children and youth, especially with a focus on the development and improvement of the health of the young generation, and will become familiar with systemic measures aimed at the exclusion or reduction of the risk of diseases and other disorders health. As well as theoretical knowledge of food hygiene.</li> <li>• Skills: The student will acquire practical skills, habits and work skills in the sections of hygiene of children and youth in the facilities of the Regional Offices of Public Health (RÚVZ) and in the section of Hygiene and Epidemiology of the ÚVN SNP FN on nutrition hygiene. He will become familiar with practical activities and actively participate in solutions to both model and real situations.</li> <li>• Competences: Acquires competencies for work in the field of health protection and promotion in food hygiene and children's hygiene and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: HYGIENE OF NUTRITION: Assessment of nutrition and the nutritional status of a person. Food hygiene - HACCP (Hazard Analysis and Critical Points). Food hygiene professional competence and training of employees. Sanitary measures against unwanted microorganisms and pests in food establishments. Hygienic requirements for the construction and operation of food facilities. CHILD AND YOUTH HYGIENE: Assessment of growth and development of children and youth. Determining physical fitness and performance. Assessment of movement development. Assessment of psychological development. Hygienic requirements for collective facilities for children and	

youth. Hygienic requirements for the educational process. Protection of the health of children and youth in preschool and school age

**Recommended or required literature:**

Recommended literature:

1. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL.: Verejné zdravotníctvo. Bratislava Veda , 2012, 651 s., ISBN 9788022412834
2. JURKOVIČOVÁ, J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978-80-2232816-6.
3. ROVNÝ, I.: Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 80-891-7122-2.
4. ŠEVČÍKOVÁ, L. 2006. Hygiena. Bratislava : LF UK Bratislava, Vydavateľstvo UK 2006, 328 s., ISBN 80-223- 2103-6
5. Zákon č. 355/2007 Z.z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
6. Aktuálna legislatíva vzťahujúca sa k činnosti verejného zdravotníctva v príslušnom odbore.

**Language of instruction:**

Slovak Language

**Notes:**

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**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	10.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1061W/22	<b>Course title:</b> Continuous Professional Practice - Training 5
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 352s <b>Teaching method:</b> on-site	
<b>Credits:</b> 5	<b>Working load:</b> 125 hours
<b>Recommended semester/trimester:</b> 6.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1056W/22	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student will deepen the theoretical knowledge obtained in lectures and exercises about the epidemiological regime. Gain knowledge about diagnosis, reporting and surveillance of nosocomial infections. They will deepen their basic knowledge of preventive and repressive measures to support and protect the health of children and youth, especially with a focus on the development and improvement of the health of the young generation, and they will become familiar with systemic measures aimed at excluding or reducing the risk of diseases and other health disorders. As well as theoretical knowledge of nutrition hygiene.</li> <li>• Skills: The student will acquire practical skills, habits and work skills in the departments of child and youth hygiene, preventive occupational medicine, environmental hygiene and other departments of the regional public health office.</li> <li>• Competences: Acquires competencies for work in the field of health protection and promotion in food hygiene and children's hygiene and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: 1 019 / 5 000 Výsledky prekladov EPIDEMIOLOGY: organization of work in the department, reporting of communicable diseases, EPIS (epidemiological and flu-like diseases), work in outbreaks, immunization and vaccination control, non-communicable diseases, medical facilities, solving current situations, field work. PREVENTIVE OCCUPATIONAL MEDICINE: organization of work in the department, state health supervision in the prevailing issue of preventive occupational medicine in the given region,	

occupational diseases, solving current situations, field work. ENVIRONMENTAL HYGIENE: organization of work in the department, state health supervision, solving current situations, field work. NUTRITION HYGIENE: organization of work in the department, state health supervision, food supervision, solving current situations, field work. CHILD AND YOUTH HYGIENE: organization of work in the department, state health supervision, solving current situations, field work. HEALTH EDUCATION: organization of work in the department, health-educational activities, implementation of tasks, projects, grants.

**Recommended or required literature:**

1. ROVNÝ, I. ONDREJKA, J., TRUSKOVÁ, I. 2004. Hygiena výživy. Bratislava : Herba , 2004, 217 s. ISBN 80-891-7116-8
2. KUDLOVÁ, E., A KOL. 2009. Hygiena výživy a nutričná epidemiológia. Praha : Karolinum , 2009 . 217 s. ISBN 80-891-7116-8
3. NOVÁKOVÁ, J., HAMADE, J. 2010. Aktuálne témy v oblasti hygieny detí a mládeže. Bratislava] : Úrad verejného zdravotníctva SR. 2010. 56s. ISBN 978-8071-591-85-6.
4. ROVNÝ, I. A KOL. 2007. Prevencia závislosti a fajčenia tabaku. Bratislava : [Úrad verejného zdravotníctva SR] , 2007. 143 s. ISBN 978-80-7159-164-1
5. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 978-80-2241-283-4
6. ROVNÝ, I. 2009. Verejné zdravotníctvo . Bratislava : Herba , 2009, 144s. ISBN 978-80-8917-160-6
7. ROVNÝ, I A KOL. 2011. Vybrané kapitoly z verejného zdravotníctva, Bratislava : Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety , 2011. 344s. ISBN 978-80-8132-011-8
8. JURKOVIČOVÁ, J. A KOL. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978-80 2232 816-6.

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
77.78	11.11	11.11	0.0	0.0	0.0

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1021W/22	<b>Course title:</b> Continuous Professional Practice -Training 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 160s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: controls professional medical terminology, has knowledge of assessment, diagnosis, planning, provision and evaluation of health care for an individual, family, community, describes the procedure of individual services and evaluates the result of care.</li> <li>• Skills: The student applies his theoretical knowledge and acquires basic practical skills that he will use when assessing the impact and risks of the environment and the operation of medical facilities on health when providing therapeutic and preventive care. He will acquire skills for performing professional activities in the field of hospital hygiene and prevention of nosocomial infections, as well as when working in a microbiological laboratory. He will demonstrate communication skills in interaction with patients and staff.</li> <li>• Competencies: Acquires competencies for work in the field of hospital hygiene. Knows and analyzes the basic principles of the operation of microbiological laboratories and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: Hygienic-epidemiological regime of the workplace; Use of personal protective work equipment and clothing; Hand hygiene; Handling of linen; Food manipulation; Waste management; Disinfection, sterilization of tools, aids, environment; Barrier treatment; Hygienic principles of biological material collection; Reporting, diagnosis and documentation of nosocomial infections; Preventive and punitive measures aimed at nosocomial infections; Asepsis, antisepsis.	

**Recommended or required literature:**

1. HEGYI, L. a kol. 2011. Základy verejného zdravotníctva. Bratislava : Herba, 2011. 279 s. ISBN 978-80-89171-84-2
2. KOLLÁROVÁ, H. 2011. Vybrané Kapitoly z epidemiologie. Olomouc : Univerzita Palackého, 2011. 206 s. ISBN 978-80-244-2715-7.
3. MAĎAR, R. a kol. 2006. Prevence nozokomiálných nákaz v klinické praxi. Praha : Grada, 2006. 178 s. ISBN 80-247-1673-9
4. ŠRÁMOVÁ, H.: Nozokomiální nákazy II. Maxdorf, Praha 2001, 303 s. ISBN 80-859-1225-2
5. ŠTEFKOVIČOVÁ, M. 2007. Dezinfekcia a sterilizácia teória a prax-II. Žilina: Vrana, 2007. 164 s. ISBN 978-80-968248-3-0
6. ŠULCOVÁ, M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol.: Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
7. JURKOVIČOVÁ,J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.  
1 s., ISBN 9788022412834
7. JURKOVIČOVÁ,J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
33.33	66.67	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1033W/22	<b>Course title:</b> Continuous Professional Practice -Training 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 80s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1021W/22	
<b>Requirements for passing the course:</b> a) active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire knowledge about the organization, competences and tasks of public health at workplaces of preventive occupational medicine and workplaces of environmental hygiene at the workplaces of regional public health offices.</li> <li>• Skills: The student applies his theoretical knowledge and acquires basic practical skills, which he will use in assessing the impact and risks of the environment and operations in the use of methods for the protection and promotion of health in environmental hygiene and in preventive occupational medicine.</li> <li>• Competences: Acquires competencies for work in the field of environment, health protection at work and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> Course contents: PREVENTIVE OCCUPATIONAL MEDICINE: methods used in preventive occupational medicine, measures to prevent work-related diseases, assessment of health risks and categorization of work, assessment of physical workload, assessment of psychological workload and sensory workload at work. ENVIRONMENTAL HYGIENE: assessment of the health status of the population in relation to environmental factors, hygienic requirements in spatial planning, hygienic requirements for the external environment, hygienic requirements for the internal environment of buildings.	

**Recommended or required literature:**

1. HEGYI, L. a kol. 2011. Základy verejného zdravotníctva. Bratislava : Herba, 2011. 279 s. ISBN 978-80-89171-84-2
2. KOLLÁROVÁ, H. 2011. Vybrané Kapitoly z epidemiologie. Olomouc : Univerzita Palackého, 2011. 206 s. ISBN 978-80-244-2715-7.
3. MAĎAR, R. a kol. 2006. Prevence nozokomiálných nákaz v klinické praxi. Praha : Grada, 2006. 178 s. ISBN 80-247-1673-9
4. ŠRÁMOVÁ, H.: Nozokomiální nákazy II. Maxdorf, Praha 2001, 303 s. ISBN 80-859-1225-2
5. ŠTEFKOVIČOVÁ, M. 2007. Dezinfekcia a sterilizácia teória a prax-II. Žilina: Vrana, 2007. 164 s. ISBN 978-80-968248-3-0
6. ŠULCOVÁ, M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol.: Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
7. JURKOVIČOVÁ,J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
90.91	9.09	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1042W/22	<b>Course title:</b> Continuous Professional Practice -Training 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> 160s <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1033W/22	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student acquires knowledge about the organization, competences and tasks at workplaces of preventive occupational medicine, at the department of central sterilization of inpatient medical facilities and at workplaces of regional public health authorities focused on the living and working environment. He will acquire theoretical knowledge to perform individual actions of hygiene, epidemiology, as well as health protection and prevention.</li> <li>• Skills: The student applies his theoretical knowledge and acquires basic practical skills, which he will use in assessing the impact and risks of the environment and operation in the use of methods for the protection and promotion of health in environmental hygiene and in preventive occupational medicine as well as in the control of disinfection and sterilization.</li> <li>• Competencies: Acquires competencies for work in the field of environment, health protection at work and epidemiology - disinfection and sterilization. and applies the results in state health supervision.</li> </ul>	
<b>Course contents:</b> WORKPLACE OF PREVENTIVE OCCUPATIONAL MEDICINE: methods used in preventive occupational medicine; measures to prevent work-related diseases; assessment of health risks and categorization of works; physical load assessment; assessment of psychological workload and sensory workload at work; ENVIRONMENTAL HYGIENE: assessment of the health status of the population in relation to environmental factors; hygienic requirements in spatial planning. Location of the medical facility; hygiene requirements for the outdoor environment; hygienic requirements for the internal and external environment of buildings; Excursion to sewage treatment plants; Excursion to municipal waste dumps, selected companies.	

**Recommended or required literature:**

1. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL.: Verejné zdravotníctvo. Bratislava Veda , 2012, 651 s., ISBN 9788022412834
2. JURKOVIČOVÁ, J. A KOL.: Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN 978-80-2232816-6.
3. ROVNÝ, I.: Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 80-891-7122-2.
4. ŠEVČÍKOVÁ, L. 2006. Hygiena. Bratislava : LF UK Bratislava, Vydavateľstvo UK 2006, 328 s., ISBN 80-223- 2103-6
5. Zákon č. 355/2007 Z.z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
6. Aktuálna legislatíva vzťahujúca sa k činnosti verejného zdravotníctva v príslušnom odbore.

**Language of instruction:**

Slovak Language

**Notes:**

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**Course evaluation:**

Assessed students in total: 5

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1038W/22	<b>Course title:</b> Demography
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 1 <b>hours per semester:</b> 24 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 3	<b>Working load:</b> 75 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: exam Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student acquires basic knowledge about demography, population, occurrence of diseases within the population and factors that influence the healthy growth and development of the population.</li> <li>• Skills: the student knows how to apply demographic processes and their characteristics to the creation of preventive programs and population health protection programs.</li> <li>• Competencies: Analyzes and evaluates the health status of the population, community, and family.</li> </ul>	
<b>Course contents:</b> Introduction to the issue, basic terms. Historical overview, terminology, symbolism. Demographic processes and their characteristics. Population growth and structure. Health status of the population. Families and households. Demographic data. Current population development in the world. Current population development in Slovakia. Demographic forecasts. Population policy.	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. BAČÍK, M. 2015. Základy demogeografie, Ružomberok, Verbum, 2015. 230 s. ISBN 978-80-561-0242-8</li> <li>2. CELIER, G. 2018. Imigrácia očami kresťana. Bratislava, Post Scriptum 2018, 60 s. ISBN 978-80-89567-87-4</li> <li>3. JANÁČKOVÁ, S. 2016. Masová imigrace: záchrana, nebo skaza Evropy? Praha. Institut Václava Klause, 2016. 221 s. ISBN 978-80-7542-007-7</li> <li>4. VELITŠ, A. 2020. Demogeografická charakteristika vidieckych obcí okresu Martin. Ružomberok 2020, 78 s. ISBN 978-80-561-0738-6</li> </ol>	
<b>Language of instruction:</b> Slovak Language	

**Notes:**

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**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
90.91	9.09	0.0	0.0	0.0	0.0

**Name of lecturer(s):** MUDr. Mgr. Ján Hruška, PhD., MPH, MHA, doc. MUDr. Ivan Solovič, CSc.**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1013Y/22	<b>Course title:</b> English Language 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assignments in professional English. b) final assessment: written test and oral exam. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: the student knows the professional vocabulary focused on the issues of public health of selected topics and masters the grammatical phenomena listed in the syllabus.</li> <li>• Skills: the student knows how to work independently with a foreign language text, knows the laws of correct translation and has communication skills in the given thematic areas.</li> <li>• Competences: the student can communicate in English on the mentioned professional topics</li> </ul>	
<b>Course contents:</b> The scope and concerns of public health. What is public health – introduction. Functions of public health. Language spot : Present Simple vs Present Continuous. The hospital team. Job interview. Public health professionals. In and around hospital. Hospital departments. Language spot: Prepositions of place and movement. Presentations	

**Recommended or required literature:**

1. ČIŽNÁR, I. a kol. 2008. Anglicko-slovenský slovník verejného zdravotníctva. Bratislava : Slovenská zdravotnícka univerzita, 2008. 124 s., ISBN 978-80-969611-9-1.
2. DETELS, R. a kol. 2009. Oxford Textbook of Public Health. New York : Oxford University Press, 2009. 1769 s. ISBN 978-0-19\_969347-4.
3. GRICE, M. 2012. Nursing 1, Oxford English for Careers, Oxford University Press, 201.2
4. ĎZUGANOVÁ, B. 2010. Medical English in Use, Martin, Osveta, 2010, 252 s., ISBN 978-80-8063-345-5.
5. GLENDINNING, E.H. 2007. Professional English in Use Medicine, Cambridge University Press, Cambridge 2007, 175 s., ISBN 978-0-521-68201-5.
6. RIBES, R. - ROS, P.R. 2006. Medical English, Berlin, Springer 2006, 199 s., ISBN 3-540-25428-5.
7. ANDRIČÍK, M. 2006. Anglicko-slovenský a slovensko-anglický slovník, Košice, Pezolt, 2006, 1370 s., ISBN 80-88797-45-4
8. What do Public Health Professionals do, exactly? Dostupné na: <https://www.goodwin.edu/enews/what-do-public-health-workers-do/>

**Language of instruction:**

English Language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
25.0	12.5	25.0	25.0	0.0	12.5

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1026Y/22	<b>Course title:</b> English Language 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1013Y/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assignments in professional English. b) final assessment: written test and oral exam. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: the student knows the professional vocabulary focused on the issues of public health of selected topics and masters the grammatical phenomena listed in the syllabus.</li> <li>• Skills: the student knows how to work independently with a foreign language text, knows the laws of correct translation and has communication skills in the given thematic areas.</li> <li>• Competences: the student can communicate in English on the mentioned professional topics</li> </ul>	
<b>Course contents:</b> Hospital admissions. A patient record. Language spot: Past Simple versus Past Continuous. Contemporary health issues. Symptoms. Instructions. Language spot: Instructions. Making comparisons. Question forms. Communicable diseases. Chronic diseases. Presentations.	

**Recommended or required literature:**

1. ČIŽNÁR, I. a kol. 2008. Anglicko-slovenský slovník verejného zdravotníctva. Bratislava : Slovenská zdravotnícka univerzita, 2008. 124 s., ISBN 978-80-969611-9-1.
2. DETELS, R. a kol. 2009. Oxford Textbook of Public Health. New York : Oxford University Press, 2009. 1769 s. ISBN 978-0-19\_969347-4.
3. GRICE, M. 2012. Nursing 1, Oxford English for Careers, Oxford University Press, 201.2
4. ĎZUGANOVÁ, B. 2010. Medical English in Use, Martin, Osveta, 2010, 252 s., ISBN 978-80-8063-345-5.
5. GLENDINNING,, E.H. 2007. Professional English in Use Medicine, Cambridge University Press, Cambridge 2007, 175 s., ISBN 978-0-521-68201-5.
6. RIBES, R. - ROS, P.R. 2006. Medical English, Berlin, Springer 2006, 199 s., ISBN 3-540-25428-5.
7. ANDRIČÍK, M. 2006. Anglicko-slovenský a slovensko-anglický slovník, Košice, Pezolt, 2006, 1370 s., ISBN 80-88797-45-4

**Language of instruction:**

English Language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
66.67	0.0	16.67	16.67	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1036Y/22	<b>Course title:</b> English Language 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1026Y/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assignments in professional English. b) final assessment: written test and oral exam. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: the student knows the professional vocabulary focused on the issues of public health of selected topics and masters the grammatical phenomena listed in the syllabus.</li> <li>• Skills: the student knows how to work independently with a foreign language text, knows the laws of correct translation and has communication skills in the given thematic areas.</li> <li>• Competences: the student can communicate in English on the mentioned professional topics</li> </ul>	
<b>Course contents:</b> Elderly. Language spot: will. Mental health. Language spot: Present perfect. Population changes. Other public health issues I. Presentations	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. ČIŽNÁR, I. a kol. 2008. Anglicko-slovenský slovník verejného zdravotníctva. Bratislava : Slovenská zdravotnícka univerzita, 2008. 124 s., ISBN 978-80-969611-9-1.</li> <li>2. DETELS, R. a kol. 2009. Oxford Textbook of Public Health. New York : Oxford University Press, 2009. 1769 s. ISBN 978-0-19_969347-4.</li> <li>3. GRICE, M. 2012. Nursing 1, Oxford English for Careers, Oxford University Press, 201.2</li> <li>4. ĎZUGANOVÁ, B. 2010. Medical English in Use, Martin, Osveta, 2010, 252 s., ISBN 978-80-8063-345-5.</li> <li>5. GLENDINNING,, E.H. 2007. Professional English in Use Medicine, Cambridge University Press, Cambridge 2007, 175 s., ISBN 978-0-521-68201-5.</li> <li>6. RIBES, R. - ROS, P.R. 2006. Medical English, Berlin, Springer 2006, 199 s., ISBN 3-540-25428-5.</li> <li>7. ANDRIČÍK, M. 2006. Anglicko-slovenský a slovensko-anglický slovník, Košice, Pezolt, 2006, 1370 s., ISBN 80-88797-45-4</li> </ol>	

<b>Language of instruction:</b> English Language					
<b>Notes:</b> The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.					
<b>Course evaluation:</b> Assessed students in total: 10					
A	B	C	D	E	FX
50.0	20.0	0.0	20.0	10.0	0.0
<b>Name of lecturer(s):</b> RNDr. PaedDr. Mária Nováková, PhD., MBA					
<b>Last modification:</b> 11.09.2022					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1047Y/22	<b>Course title:</b> English Language 4
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1036Y/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assignments in professional English. b) final assessment: written test and oral exam. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: the student knows the professional vocabulary focused on the issues of public health of selected topics and masters the grammatical phenomena listed in the syllabus.</li> <li>• Skills: the student knows how to work independently with a foreign language text, knows the laws of correct translation and has communication skills in the given thematic areas.</li> <li>• Competences: the student is competent communicate in English on the mentioned professional topics</li> </ul>	
<b>Course contents:</b> Nutrition and obesity. Language spot: should/shouldn ´t. Hygiene. Language spot: talking about obligation. Hand hygiene. Other public health issue II. Presentations.	

**Recommended or required literature:**

1. ČIŽNÁR, I. a kol. 2008. Anglicko-slovenský slovník verejného zdravotníctva. Bratislava : Slovenská zdravotnícka univerzita, 2008. 124 s., ISBN 978-80-969611-9-1.
2. DETELS, R. a kol. 2009. Oxford Textbook of Public Health. New York : Oxford University Press, 2009. 1769 s. ISBN 978-0-19\_969347-4.
3. GRICE, M. 2012. Nursing 1, Oxford English for Careers, Oxford University Press, 201.2
4. ŽUGANOVÁ, B. 2010. Medical English in Use, Martin, Osveta, 2010, 252 s., ISBN 978-80-8063-345-5.
5. GLENDINNING,, E.H. 2007. Professional English in Use Medicine, Cambridge University Press, Cambridge 2007, 175 s., ISBN 978-0-521-68201-5.
6. RIBES, R. - ROS, P.R. 2006. Medical English, Berlin, Springer 2006, 199 s., ISBN 3-540-25428-5.
7. ANDRIČÍK, M. 2006. Anglicko-slovenský a slovensko-anglický slovník, Košice, Pezolt, 2006, 1370 s., ISBN 80-88797-45-4

**Language of instruction:**

English Language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
80.0	0.0	10.0	10.0	0.0	0.0

**Name of lecturer(s):** RNDr. PaedDr. Mária Nováková, PhD., MBA

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1005W/22	<b>Course title:</b> Environmental Health and Human Ecology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: oral exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective: <ul style="list-style-type: none"> <li>• Knowledge: The student will gain knowledge about environmental health and human ecology. It has knowledge of the growth, distribution and organization of the interrelationships between human communities, other species and their (natural or artificial) environment. Acquire knowledge about regional as well as global environmental problems in relation to human health.</li> <li>• Skills: the student can define and evaluate environmental risks threatening the ecosystem, with an orientation to the connection with health risks in the Slovak Republic, in the European Union as well as on a global scale.</li> <li>• Competences: the student can use the acquired knowledge and skills about environmental health and human ecology in order to contribute to the reduction of the environmental burden and to the increase of health protection in specific areas.</li> </ul>	
<b>Course contents:</b> Introduction to environmental health and human ecology - history, definitions, goals of the field. Basic concepts and definitions Historical development of man Paths from natural to human ecosystem. Global problems of the current world, global warming, weakening of the ozone layer, acid atmospheric deposition, threats to biological diversity. Biodiversity and world food production, genetically modified foods, organic foods. Urbanization and health risks. Ecology of the building environment, sick buildings syndrome, interior pollutants. Environmental Action Plan of the European Union. European Environment Agency. Europe's environment, status and perspective. Summary assessment of the environmental situation in Slovakia. Green infrastructure. Ecology of the family. Ecological disasters. Ecotoxicology and biomonitoring, environmental toxicology, monitoring. Ecological disasters. Ecoterrorism, chemical terrorism, bioterrorism.	

**Recommended or required literature:**

1. COLIN, R. a kol. 2010. Základy ekologie. V Olomouci : Univerzita Palackého, 2010, 505 s., ISBN 978-80-244-2478-1
2. POLÁŠKOVÁ, A. 2011. Úvod do ekologie a životného prostredia. Praha : Karolinum, 2011. 283 s. ISBN 978-80-246-1927-9
3. Kol. autorov: Syndróm chorých budov, 1, Bratislava, CHARIS, ISBN 80-88743-52-4. 20s.
4. TEREK, J. 2011. Základy ekológie a environmentalistiky. Prešov : Prešovská univerzita, 2011, 210 s. ISBN 80-808-205-4
5. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
6. ROSÍVAL, L. 1995. Ekológia človeka. Zvolen : Vydavateľstvo technickej univerzity vo Zvolene, 1995. 120 s. ISBN 80-228-0450-9.
7. ROM, W. N. 2012. Environmental Policy and public Health. San Francisco : Jossey-Bass. 2012. 420 p. ISBN 9 780470 593431
8. <https://www.enviroportal.sk/rastlinstvo-a-zivocisstvo/7-environmentalny-akcny-program>
9. <https://www.eea.europa.eu/sk/themes/human/intro>
10. [www.ecohealth101.org](http://www.ecohealth101.org)
11. [www.jhsph.edu/globalchange](http://www.jhsph.edu/globalchange)
12. [www.ceh.ac.uk/science\\_topics](http://www.ceh.ac.uk/science_topics)
13. [www.fao.org/gtos](http://www.fao.org/gtos)

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
27.27	18.18	18.18	18.18	18.18	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1006W/22	<b>Course title:</b> Epidemiology 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: oral exam. Credits will be awarded to a student who obtained at least 60 out of 100% in the oral exam. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Course objective: <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire basic theoretical knowledge about epidemiology, methods in epidemiology, health monitoring, health policy, prevention and health promotion</li> <li>• Skills: the student can independently define epidemiological characteristics, measure health and diseases, assess the health status of the population and use epidemiological methods and studies.</li> <li>• Competences: the student can assess the health status of the population and use basic epidemiological methods</li> </ul>	
<b>Course contents:</b> Definition and basic characteristics of epidemiology. Measuring health and measuring disease. Causes of diseases - causality. Variability, validity, random and systematic errors, bias, risk. Epidemiological method of work, screening, questionnaire. Epidemiological studies. Descriptive epidemiological studies. Analytical epidemiological studies. Meta-analysis, pooling, surveillance. Project in epidemiology, project, registry, household surveillance. Health status and health monitoring, epidemiology and health policy. Health promotion and prevention.	

**Recommended or required literature:**

1. BAKOSS a kol. 2011. Epidemiológia. Bratislava : vyd. Univerzita Komenského, 2011, 520 s., ISBN 978-80-2232-929-3
2. EGNEROVÁ, A. a kol. 2010. Epidemiológia základy a metódy. Bratislava : Slovenská zdravotnícka univerzita, 2010. 141s., ISBN 978-80-8935-267-8
3. GOPFERTO VÁ, D. 2008. Praktická cvičení z epidemiologie, Praha : Karolinum, 2008. 117s., ISBN 978-80-2461-541-7
4. GOPFERTO VÁ, D. 2001 Kontrolní otázky z epidemiologie, Praha : Triton, 2001. 95 s., ISBN 80-725-4155-2 5.
5. KOLLÁROVÁ, H. 2011. Vybrané kapitoly z epidemiologie. Olomouc : Univerzita Palackého v Olomouci, 2011. ISBN 978-8024-427-,157
6. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 7

A	B	C	D	E	FX
14.29	14.29	14.29	42.86	0.0	14.29

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1015W/22	<b>Course title:</b> Epidemiology 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1006W/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: exam. Credits will be awarded to a student who obtained at least 60 out of 100% in the oral exam. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The aim of the course: <ul style="list-style-type: none"> <li>• <b>Knowledge:</b> The student will acquire basic theoretical knowledge about basic knowledge about the content, role and individual groups of non-infectious diseases, their importance for public health, they will know the characteristics, image and prevention of these diseases, their importance for the health of the population</li> <li>• <b>Skills:</b> The student understands current problems in the field of public health and incidence, prevalence, surveillance of non-infectious diseases, knows how to navigate concepts, use them rationally and use them in practice</li> <li>• <b>Competences:</b> The student is able to analyze, evaluate and use the acquired knowledge and practical skills in the practice of a public health worker, knows how to act actively in order to improve public health</li> </ul>	
<b>Course contents:</b> The structure of the course: The importance of non-infectious diseases for public health, the health status of the population in the world, in Europe and in Slovakia. Multifactorial etiology of non-infectious diseases. Risk factors. Importance, prevention and characteristics of cardiovascular and cerebrovascular diseases. Oncological diseases - incidence, causes and possibilities of prevention. Chronic respiratory diseases. Diabetes and obesity - types, incidence, causes, tendencies and prevention. Mental disorders, epidemiology, causes, prevention options. The influence of genetic factors on the health of poplars. Society-wide measures for the prevention of chronic non-infectious diseases. International programs of prevention and surveillance of chronic non-infectious diseases. Prevention and monitoring of non-infectious diseases in the public health system in Slovakia	

**Recommended or required literature:**

1. BAKOSS a kol. 2011. Epidemiológia. Bratislava : vyd. Univerzita Komenského, 2011, 520 s., ISBN 978-80-2232-929-3
2. EGNEROVÁ, A. a kol. 2010. Epidemiológia základy a metódy. Bratislava : Slovenská zdravotnícka univerzita, 2010. 141s., ISBN 978-80-8935-267-8
3. GOPFERTO VÁ, D. 2008. Praktická cvičení z epidemiologie, Praha : Karolinum, 2008. 117s., ISBN 978-80-2461-541-7
4. GOPFERTO VÁ, D. 2001 Kontrolní otázky z epidemiologie, Praha : Triton, 2001. 95 s., ISBN 80-725-4155-2 5.
5. KOLLÁROVÁ, H. 2011. Vybrané kapitoly z epidemiologie. Olomouc : Univerzita Palackého v Olomouci, 2011. ISBN 978-8024-427-,157
6. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
7. ROVNÝ I. 2009. Verejné zdravotníctvo, Herba. 125 s., 2009. ISBN 978-80-89171-60-6
8. DOMENIK J. 2019. Epidemiológia neinfekčných chorôb, učebné texty, FZ KU 2019
9. World Health Organization. [www.who.int](http://www.who.int)
10. Centers for Disease Control and Prevention, Atlanta, USA. [www.cdc.gov](http://www.cdc.gov)

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
66.67	33.33	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1029W/22	<b>Course title:</b> Epidemiology 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1015W/22	
<b>Requirements for passing the course:</b> a) During the semester, participation in lectures and exercises in which students analyze assigned topics. Test. b) Final assessment: exam Credits are allocated to the student who received them from the subject for fulfilling the specified conditions. Rating scale: 100-93% - A (excellent); 92-85%- B (very good); 84-77%- C (good); 76-69%- D (satisfactory); 68-60%- E (sufficient); 59-0% -Fx (not enough)	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: To acquire basic knowledge about the process of spread of infectious diseases, mechanisms of transmission, degrees of intensity, social and natural factors affecting the process of spread of disease. To acquire basic knowledge of epidemiological laws and theoretical and practical skills in the implementation of preventive and repressive measures.</li> <li>• Skills: can apply knowledge and take a basic attitude and solve anti-epidemic measures in outbreaks of communicable diseases. Use knowledge in ensuring intervention strategies, protection and promotion of health from the point of view of prevention of infectious diseases.</li> <li>• Competences: the student will be able to dispose of the acquired knowledge and skills mentioned above and actively use them in practice.</li> </ul>	
<b>Course contents:</b> Epidemiology of infectious diseases, infection and its forms. The process of spreading the infection and the degree of intensity. Distribution of infectious diseases from an epidemiological point of view. Intestinal infections. Respiratory infections. Blood infections. Skin and mucous membrane infections. Zoonoses and infections with natural outbreaks. Sexually transmitted infections, slow viral infections of the CNS. Epidemiological surveillance of infectious diseases. Principles of combating infectious diseases, quarantine measures. Immunization, principles of active and passive immunization.	

**Recommended or required literature:**

1. BAKOSS A SPOL. 2011. Epidemiológia. Bratislava 2011, vyd. Univerzita Komenského, 520 s., ISBN 978-80-2232-929-3
2. GÖPFERTO VÁ, D. 2008. Praktická cvičení z epidemiologie, Praha : Karolinum, 2008. 117s., ISBN 978-80-2461-541-7
3. GÖPFERTO VÁ, D. 2001. Kontrolní otázky z epidemiologie, Praha : Triton, 2001. 95 s., ISBN 80-725-4155-2
4. KOLLÁRO VÁ, H. 2011. Vybrané kapitoly z epidemiologie. Olomouc : Univerzita Palackého v Olomouci, 2011. ISBN 978-8024-427-,157
5. ŠULCO VÁ, M A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
6. BAZOV SÁ, S. a kol. 2007. Špeciálna epidemiológia. Bratislava, Univerzita Komenského 2007, 340 s. ISBN 978-80-223-2301-7
7. MÁDEROVÁ, E. A KOL. 2009. Epidemiológia infekčných chorôb, 1. časť.

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
72.73	9.09	0.0	18.18	0.0	0.0

**Name of lecturer(s):** prof. MUDr. Anna Lesňáková, PhD.**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1020W/22	<b>Course title:</b> First Aid
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: there will be a written examination at the exercises, where a maximum of 40 points can be obtained. To participate in the exam, it is necessary to obtain at least 20 points from the background check. b) final assessment: written exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course <ul style="list-style-type: none"> <li>• Knowledge: To analyze the system, organization, legal aspects of first aid, to know the general principles of first aid and to develop professional knowledge, skills of students of the field of study and the use of modern methods of work in this field.</li> <li>• Skills: to master the procedures, first aid algorithm for emergencies and exceptional situations. Know how to apply legal aspects, system and organization of first aid.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills from first aid while being able to provide first aid.</li> </ul>	
<b>Course contents:</b> Introduction to the subject, general principles of first aid. System, organization, legal aspects and general principles of first aid. Assessment of a person's health. Disorders of consciousness. Emergency cardiopulmonary resuscitation (CPR). Obstruction of airways by a foreign body. Selected emergencies. Bleeding. Shock. Fractures. Acute conditions caused by physical and chemical influences. Electric shock. First aid in emergency situations. Poisoning (intoxication). Antidote and aids.	

**Recommended or required literature:**

1. BYDŽOVSKÝ J. 2011. Predlekárska prvni pomoc. Praha : Grada Publishing, 2011, 117 s. ISBN 978-80-247-2334-1
2. KELNAROVÁ, J. a kol. 2012. První pomoc I. Praha : Grada, 2012, 100 s. ISBN 978-80-247-4199-4
3. KELNAROVÁ, J. a kol. 2013. První pomoc II. Praha : Grada, 2013, 180 s. ISBN 978-80-247-4200-7
4. LEJSEK JAN a kol. 2013. První pomoc. Praha : Karolinum, 2013, 271 s. ISBN 978-80-246-2090-9

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** Ing. Bc. Michal Sekerák, MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/54Z2001W/23	<b>Course title:</b> Focus on Spirituality - Spirituality of Truth
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Active participation of the student during the spirituality program, participating in discussions, working in groups, participating in cultural, spiritual formation and volunteer activities. The final assessment of the subject corresponds to the verbal assessment: Passed/Not passed. Credit is awarded to a student who obtained a minimum of 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student has knowledge about the true meaning of life and human identity.</li> <li>• Skills: The student can identify the true meaning of life and characterize sin and its consequences.</li> <li>• Competencies: The student is ready to transform the knowledge of the meaning of life into bearing witness to the truth.</li> </ul>	
<b>Course contents:</b> What it is about - the meaning of life. Human identity. God's love as the reason for creation and the principle of new life. Knowledge and consequences of sin. Jesus Christ as the way, the truth and the life. The importance of bearing witness to the truth.	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. Encyklika pápeža Benedikta XVI. CARITAS IN VERITATE. 2009. Trnava: Spolok sv. Vojtecha, 2009, 118 s. ISBN 978-80-7162-786-9.</li> <li>2. Posynodálna apoštolská exhortácia Svätého Otca Františka CHRISTUS VIVIT mladým a celému Božiemu ľudu. 2019. Trnava: Spolok sv. Vojtecha, 2019, 125 s. ISBN 978-80-8161-368-5.</li> <li>3. ŠPIDLÍK, T. 2000. Pramene svetla: príručka kresťanskej dokonalosti. Trnava: Spolok sv. Vojtecha, 2000, 558 s. ISBN 80-7162-323-7.</li> <li>4. YOUCAT Katechizmus katolíckej cirkvi pre mladých. 2011. Bratislava: Karmelitánske nakladateľstvo, 2011, 301 s. ISBN 978-80-89231-99-7.</li> </ol>	
<b>Language of instruction:</b> Slovak	

**Notes:**

One study group consists of a maximum of 100 students, so that the students can be divided into small groups with the number of 10 members for the purpose of effective communication.

**Course evaluation:**

Assessed students in total: 49

ABSOL	NEABS
97.96	2.04

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, PaedDr. Martin Pinkoš

**Last modification:** 06.09.2023

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/54Z2004W/23	<b>Course title:</b> Focus on Spirituality - Spirituality of Good
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Active participation of the student during the spirituality program, participating in discussions, working in groups, participating in cultural, spiritual formation and volunteer activities. The final assessment of the subject corresponds to the verbal assessment: Passed/Not passed. Credit is awarded to a student who obtained a minimum of 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student has knowledge about distinguishing between sin and virtue in human behavior and actions.</li> <li>• Skills: The student can distinguish between good and evil in human behavior and actions.</li> <li>• Competencies: The student is able to experience the Christian faith more personally through a truer distinction between good and evil and through a more concrete motivation to do good in the life of an adult Christian.</li> </ul>	
<b>Course contents:</b> Good and evil, sin and virtue. Good as an answer to evil. Virtues in the life of a Christian. "Modern sins" and "modern virtues". Sacramental Reconciliation.	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. Encyklika Jána Pavla II. EVANGELIUM VITAE o hodnote a nenarušiteľnosti ľudského života. 1995. Trnava: Spolok sv. Vojtecha, 1995, 195 s. ISBN: 80-7162-097-1.</li> <li>2. Encyklika Jána Pavla II. VERITATIS SPLENDOR o základných otázkach cirkevnej nauky o mravnosti. 1994. Trnava: Spolok sv. Vojtecha, 1994, 180 s. ISBN 80-7162-057-2.</li> <li>3. YOUCAT Katechizmus katolíckej cirkvi pre mladých. 2011. Bratislava: Karmelitánske nakladateľstvo, 2011, 301 s. ISBN 978-80-89231-99-7.</li> </ol>	
<b>Language of instruction:</b> Slovak language	
<b>Notes:</b> One study group consists of a maximum of 100 students, so that the students can be divided into small groups with the number of 10 members for the purpose of effective communication.	

<b>Course evaluation:</b> Assessed students in total: 47	
ABSOL	NEABS
100.0	0.0
<b>Name of lecturer(s):</b> doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, PaedDr. Martin Pinkoš	
<b>Last modification:</b> 06.09.2023	
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.	



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1022W/22	<b>Course title:</b> Fundamentals of Hygiene 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises b) final assessment: oral exam, test, practical demonstration. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: the student will acquire theoretical knowledge from the point of view of the issues of categorizing diseases and defining the basic concepts of health, prevention and adaptation. of hygiene - environmental medicine with a focus on important areas of hygiene: the basics of environmental medicine, health and prevention, issues of environmental health and risk assessment from possible exposure, air issues, indoor pollution, issues of drinking water, effects of soil and solid waste, and housing issues.</li> <li>• Skills: the student can apply the acquired knowledge in solving model situations, perform state health supervision in the area of the environment, occupational health protection, creation and protection of healthy living and working conditions for the individual, family, community and the whole society.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills from the impact of the environment on the health status of the population in the implementation of state health supervision, as well as in other activities arising from the tasks of public health.</li> </ul>	
<b>Course contents:</b> Course contents: Basic environmental factors. Water and health. Air and health. Climate change and health. Waste and health. Housing and health. Noise in the living and working environment. Nutrition, food and health. Hazardous substances of concern. State health supervision in the field of environmental health. Assessment of environmental health risks. Environmental and health indicators.	

**Recommended or required literature:**

1. ROVNÝ,I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 8089171222
2. ŠULCOVÁ,M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
3. JURKOVIČOVÁ,J. a kol. 2010, Praktické cvičenia z hygieny. Bratislava: UK, 2010, 331 s. ISBN9788022328166
4. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 8089171184 4.
5. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
6. Rozhodnutie EP a Rady č. 1350/2007/ES – Akčný program v oblasti zdravia 2008-2013

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
50.0	50.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** MUDr. Martin Kapasný, PhD., MPH, doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1035W/22	<b>Course title:</b> Fundamentals of Hygiene 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1022W/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises, seminar work b) final assessment: oral exam, test. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: the student will acquire theoretical knowledge about health promotion at work through prevention and control of health risks at work, education and training of employees, systematic work of the occupational health service. He will learn to define the risk factors of the work environment, to understand the basic principles of interaction between risk factors and the human body. They will adopt preventive and punitive measures in the field of preventive occupational medicine, as well as in the protection and promotion of health at work.</li> <li>• Skills: able to solve model situations of state health supervision in the field of working environment, health at work.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills about the impact of working conditions on health in the implementation of state health supervision, as well as in other activities arising from the tasks of public health. He can contribute to the improvement of working conditions by introducing preventive procedures.</li> </ul>	
<b>Course contents:</b> Health at work - working conditions and health. Physical factors in the working environment - noise, vibrations, electromagnetic radiation. Ionizing radiation and health. Chemical factors in the working environment and health. Carcinogenic factors at work and health. Ergonomics at workplaces and work physiology. Assessment of health risks at work and risky work. Indicators of the impact of working conditions on health. Health Service. Minimum safety and hygiene requirements for the workplace. Occupational diseases and health damage from work. Occupational health protection and legislation.	

**Recommended or required literature:**

1. ROVNÝ,I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 80-891-71222
2. ŠULCOVÁ,M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 978-80-224-12834
3. JURKOVIČOVÁ,J. a kol. 2010, Praktické cvičenia z hygieny. Bratislava: UK, 2010, 331 s. ISBN 978-80-223-28166
4. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 80-891-71184
5. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia. Martin : Osveta, 2003, 1132 s. - ISBN 80-806-31131
6. FABIÁNOVÁ, E., BÁTORA, I. 2015. Occupational Health and Toxicology. Bratislava: Comenius University, 2015, 146 s. ISBN 978-80-223-3931-5

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
81.82	18.18	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1044W/22	<b>Course title:</b> Fundamentals of Hygiene 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1035W/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises, seminar work b) final assessment: oral exam, test. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire theoretical knowledge in the field of nutrition hygiene, in the solution of protecting the health of the population. The work methods of nutrition hygiene result from the nature of his activity in monitoring and assessing the nutrition and health status of the population.</li> <li>• Skills: able to solve model situations of state health supervision in the field of nutrition hygiene. The student will participate in the implementation of state health supervision in food establishments and over the production, import and distribution of cosmetic products, the implementation of food supervision over the production of food, its handling and its distribution, monitoring the health safety of food and cosmetic products by regular sampling and their laboratory examination.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills about the impact of nutrition on health in the implementation of state health supervision, as well as in other activities arising from the tasks of public health. It can contribute to improving the population's nutrition to the physiological optimum that can be achieved in specific living and working conditions.</li> </ul>	
<b>Course contents:</b> Course contents: Introduction to nutrition hygiene (definition, goals, content, legislation, impact of nutrition on people's health). Physiology of nutrition. Basic components of nutrition, recommended nutritional doses of nutrients. Basic recommendations for a healthy diet according to the WHO, food pyramid. Food microbiology. Chemical substances in food. Together eating. Epidemiologically risky foods. Methods of assessing the nutritional status of the population. Hygienic processing of foodstuffs (foreign substances in foodstuffs, application of system principles. (HACCP). Assessment of construction-technical and operating conditions of food facilities. Health education in the field of nutrition hygiene.	

**Recommended or required literature:**

1. ŠULCOVÁ,M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 978-80-224-12834
2. JURKOVIČOVÁ,J. a kol. 2010, Praktické cvičenia z hygieny. Bratislava: UK, 2010, 331 s. ISBN 978-80-223-28166
3. ROVNÝ, I. Ondrejka, J., Trusková,I.: Hygiena výživy. Bratislava : Herba , 2004, 217 s. ISBN 8089171168
4. ROVNÝ,I. A KOL.: Vybrané kapitoly verejného zdravotníctva II., PRO Banská Bystrica, ISBN 978-80-89057-44-3zákon č. 152/1995 Z.z. o potravinách
5. Nariadenie (ES)č.178/2002 Európskeho parlamentu a rady , ktorým sa ustanovujú všeobecné zásady a požiadavky potravinového práva
6. Nariadenie (ES) č. 852/2004 Európskeho parlamentu a rady o hygiene potravín nariadenie (ES) č. 882/2004 Európskeho parlamentu a rady o úradných kontrolách
7. Vyhláška č. 533/2007 Z.z.o podrobnostiach o požiadavkách na zariadenia spoločného stravovania
8. Výnos MP a MZ SR č. 981/1996-100 (Potravinový kódex)
9. Zákon 355/2007 Zz o ochrane a podpore verejného zdravia

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught and evaluated only in the summer semester of the respective academic year.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	10.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** MUDr. Martin Kapasný, PhD., MPH, doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1058W/22	<b>Course title:</b> Fundamentals of Hygiene 4
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1044W/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises, seminar work b) final assessment: oral exam, test. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The aim of the subject: <ul style="list-style-type: none"> <li>• Knowledge: The student acquired basic knowledge about the content of the protection and support of the health of children and adolescents, about the conditions for optimal physical and psychological development of children and adolescents, and about their way of life and the main risks.</li> <li>• Skills: The student will receive information and practical skills to monitor and positively apply the determinants of health to the development of children and adolescents, to prevent the occurrence and spread of diseases and other health disorders. He will use the acquired knowledge to positively influence the lifestyle of children and adolescents</li> <li>• Competences: The student is able to analyze and identify health risks in the process of growth and adolescence of children and youth, use epidemiological and demographic data, knows how to use preventive measures for the healthy development of the young generation</li> </ul>	
<b>Course contents:</b> Tasks and goals of child and adolescent hygiene, Child growth and development, developmental stages and assessment of the growth curve, ontogeny of the effect of external and hereditary factors on the health and growth of children and adolescents. Living conditions and their impact on the health of children and adolescents. Physiology of growth. Mode of work, rest, physical and physical load in children and adolescents. Neuropsychological development and protection of mental health. School maturity and prevention of psychological disorders. Care of children of toddler and preschool age. Hygienic requirements for the operation of children's collective facilities. Nutrition of children and youth and shared meals. Drug addiction in children and adolescents.	

**Recommended or required literature:**

1. ŠULCOVÁ,M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 978-80-224-12834
2. JURKOVIČOVÁ,J. a kol. 2010, Praktické cvičenia z hygieny. Bratislava: UK, 2010, 331 s. ISBN 978-80-223-28166
3. NOVÁKOVÁ,J., HAMADE,J. 2010. Aktuálne témy v oblasti hygieny detí a mládeže, ÚVZ SR,2010
4. ROVNÝ, I. A KOL. 2009. Prevencia závislosti a fajčenia tabaku. ÚVZ SR Bratislava, 2007
5. ROVNÝ, I. 2009. Verejné zdravotníctvo, Herba Bratislava, 2009
6. ROVNÝ, I. 2011. Vybrané kapitoly z verejného zdravotníctva, VŠ svABratislava,2011
7. DOMENIK,J. 2020. Učebné texty hygiena detí a dorastu, FZ KU 2020
8. World Health Organization. www.who.int

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
60.0	30.0	0.0	10.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1010W/22	<b>Course title:</b> Fundamentals of Informatics and Administration
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: During the semester, prepare and submit 8 practical tasks, each with a weight of 10 points, a total of 80 points. Credits will not be granted to a student who gets less than 4 points from an assignment and does not submit all assignments with a minimum point gain. b) final assessment: oral exam, test. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire theoretical knowledge in the field of administration and PC use in Word, Excel and PowerPoint programs.</li> <li>• Skills: can administer files in OFFICE package programs.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills in processing information within the framework of work at RUVZ as well as in the hospital.</li> </ul>	
<b>Course contents:</b> Terminology in the field of ICT, retrieval, security, archiving, data compression, antivirus protection, cloud, types of software. Work in OS Windows, selected OS Windows system programs, identity of individual versions of OS Windows. Hospital and healthcare information systems - structure, databases, data collection, administration, output reports and statistics, personal data protection. Use of information technology in medicine. Access to professional information via the Internet, web databases, external KU databases. Microsoft Office desktop version and online version - principle, similarity and difference of individual versions. Text editors - advanced formatting, typesetting, tables and graphics tools. Spreadsheets - cell formatting, table design, functions and calculations, graphs, presentation and graphics tools. Graphic editors - acquisition, editing of image documentation. Effective and rational acquisition of technical assistance in individual programs and systems.	

**Recommended or required literature:**

1. BROŽ, M a kol. 2008. Microsoft Office Excel 2007 SK : podrobná uživatelská příručka, Computer Press, Brno, 2008, 414 s. ISBN 978-80-251-1947-1
2. JENČO, M. Vyhnal, P. 2010. Informatika prakticky, Poprad, Slza 2010, 212 s. ISBN 978-80-88680-46-8
3. JENČO, M. 2006. Informatika v praxi, Poprad, Slza 2006. 104 s. ISBN 80-88680-43-3
4. GAROVÁ, M., VALENTOVÁ, I. GARA, K. 2003. Administratíva a zdravotnícka dokumentácia, Martin, Osveta 2003, 118 s. ISBN 80-8063-135-2

**Language of instruction:**

Slovak

**Notes:**

The subject is taught only in the winter semester and evaluated only in the relevant examination period of the winter semester of the academic year

**Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
44.44	11.11	22.22	11.11	0.0	11.11

**Name of lecturer(s):** Mgr. Milan Kaman

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1011W/22	<b>Course title:</b> Fundamentals of Management and Economics in Healthcare, Healthcare Organization 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 3	<b>Working load:</b> 75 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> The aim of the course: <ul style="list-style-type: none"> <li>• Knowledge: The student has acquired basic knowledge about the content, role of management and economics in healthcare, knows the basic terms, procedures and characteristics of managerial and economic activities, has learned about the way healthcare is organized, the importance of health insurance companies, transformational and ethical standards in healthcare, and can conceptually and pragmatically use these skills in the profession of a healthcare worker</li> <li>• Skills: The student understands current problems and procedures in the field of healthcare economics, healthcare organization and knows how to navigate concepts, use them rationally in everyday practice as a capable and qualified healthcare professional</li> <li>• Competences: The student is able to analyze and use the acquired knowledge in his clinical practice, works professionally, materially and economically efficiently</li> </ul>	
<b>Course contents:</b> Basics of management, definition, procedures, characteristics. personal management. Marketing in healthcare, economic terms, their use and meaning. History of health care. Health care - organization and health systems. Healthcare and healthcare services in the social market economy. Forms and structure of medical facilities. Health professions and their characteristics. Healthcare systems of individual EU states and in some countries of the world. Organization and methods of providing health services. Healthcare financing and methods of financing according to the type of care. Contribution and budget organizations. Health insurance, types and basic characteristics. International cooperation in healthcare. WHO.	

**Recommended or required literature:**

1. JAKUŠOVÁ, V. 2010. Základy zdravotníckeho manažmentu, Osveta Martin, 2010, 142 s. ISBN 978-80-8063-347-9
2. ŠAGÁT, T. a kol. 2004. Organizácia zdravotníctva, Osveta Martin, 210 s., ISBN 80-8063-143-3
3. Jakušová V. 2016. Manažment pre nelekárske študijné programy, Osveta 2016, 156. s. ISBN 978-80-8063-447-6
4. Domenik, J.: Základy manažmentu a ekonomiky v zdravotníctve, učebné texty, FZ KU, Ružomberok, 2019
5. Zákony, Nariadenia vlády, Odborné usmernenia MZ SR

**Language of instruction:**

Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 5

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1059W/19	<b>Course title:</b> Fundamentals of Management and Economics in Healthcare, Healthcare Organization 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> The aim of the course: <ul style="list-style-type: none"> <li>• Knowledge: The student has acquired basic knowledge about the content, role of management and economics in healthcare, knows the basic terms, procedures and characteristics of managerial and economic activities, has learned about the way healthcare is organized, the importance of health insurance companies, transformational and ethical standards in healthcare, and can conceptually and pragmatically use these skills in the profession of a healthcare worker</li> <li>• Skills: The student understands current problems and procedures in the field of healthcare economics, healthcare organization and knows how to navigate concepts, use them rationally in everyday practice as a capable and qualified healthcare professional</li> <li>• Competences: The student is able to analyze and use the acquired knowledge in his clinical practice, works professionally, materially and economically efficiently</li> </ul>	
<b>Course contents:</b> The structure of the course: <ol style="list-style-type: none"> <li>1. Basics of management, definition, procedures, characteristics. Economic efficiency. Personal management. Marketing in healthcare</li> <li>2. History of health care.</li> <li>3. Healthcare - organization and health systems.</li> <li>4. Healthcare and health services in the social market economy.</li> <li>5. Forms and structure of medical facilities. Medical professions and their characteristics</li> <li>6. Health care systems in individual EU countries and in some countries around the world.</li> <li>7. Organization and methods of providing health services.</li> <li>8. Financing of health care and methods of financing according to the type of care. Contributory and budgetary organizations.</li> </ol>	

9. Health insurance, types and basic characteristics  
 10. International cooperation in health care. WHO.

**Recommended or required literature:**

1. JAKUŠOVÁ, V. 2010. Základy zdravotníckeho manažmentu, Osveta Martin, 2010, 142 s. ISBN 978-80-8063-347-9
2. ŠAGÁT, T. a kol. 2004. Organizácia zdravotníctva, Osveta Martin, 210 s., ISBN 80-8063-143-3
3. Jakušová V. 2016. Manažment pre nelekárske študijné programy, Osveta 2016, 156. s. ISBN 978-80-8063-447-6
4. Domenik, J.: Základy manažmentu a ekonomiky v zdravotníctve, učebné texty, FZ KU, Ružomberok, 2019
5. Zákony, Nariadenia vlády, Odborné usmernenia MZ SR

**Language of instruction:**

Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
 doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1023W/22	<b>Course title:</b> Fundamentals of Medical Fields
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1001W/22	
<b>Requirements for passing the course:</b> a) during the semester: active participation in lectures b) final assessment: written exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: the student acquires theoretical knowledge about the method of obtaining an anamnesis, how to perform a basic physical examination (inspection, percussion, palpation, auscultation), evaluates vital functions. He has the knowledge to analyze the results obtained on the basis of anamnestic data and physical examination, resulting in a correctly determined preliminary diagnosis. He has knowledge of the clinical picture of some of the most common diseases of individual organ systems (from the field of internal medicine, from pediatrics, from surgery, from oncology, from geriatrics, from gynecology).</li> <li>• Skills: able to obtain an anamnesis, when performing a physical examination. Based on the knowledge of the clinical picture of some diseases, he orients himself about the severity of the disease, or solves and manages the next procedure</li> <li>• Competences: the student can assess the patient's health status based on examination procedures in clinical practice (obtain anamnesis, perform a basic physical examination). He can evaluate information about the etiology, pathogenesis and clinical picture of the most common diseases of individual organ systems, based on which he can assess the occurrence and risks of nosocomial infections, as well as order preventive or punitive measures.</li> </ul>	
<b>Course contents:</b> Basics of clinical propaedeutics. Basic clinical knowledge from internal medicine. Basic clinical knowledge of pediatrics. Basic clinical knowledge of pediatrics. Basic clinical knowledge of surgery. Basic clinical knowledge of surgery. Basic clinical knowledge of oncology. Basic clinical knowledge of oncology. Basic clinical knowledge of geriatrics. Basic clinical knowledge of geriatrics. Basic clinical knowledge of gynecology. Basic clinical knowledge of gynecology.	

**Recommended or required literature:**

1. LACKO, a. a kol. 2017. Vnútorné lekárstvo pre nelekárske odbory. Ružomberok : Verbum KU, 2017,
2. LACKO, A. a kol. 2012. 2017. Klinická propedeutika pre nelekárske odbory. Ružomberok : Verbum KU, 2012, 2017
3. ŠAŠINKA M., NYULASSY Š., BADALÍK L. a kol. 2003. Vademecum medici. Martin : Osveta, 6. prepracované vydanie, 2003, 2252 s. ISBN 80-8063-115-8
4. GAZDÍKOVÁ, K. 2019. Vnútorné lekárstvo pre zdravotnícke odbory. Martin : Osveta, 20019, 315 s. ISBN 978-80-8063-479-7

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 4

A	B	C	D	E	FX
75.0	25.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** prof. MUDr. Anna Lesňáková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1045W/22	<b>Course title:</b> Fundamentals of Prevention
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: there will be a written examination at the exercises, a maximum of 20 points can be obtained. To participate in the exam, it is necessary to obtain at least 12 points from the background check. b) final assessment: written exam, the student can get a maximum of 60 points. Subject assessment: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68 %-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The aim of the course: . Knowledge: the student will acquire knowledge about health promotion in collaboration with the National Health Promotion Program. Public health students will become familiar with the prevention of health damage, i.e. the prevention of diseases, the ultimate goal of which is to prevent or at least limit the exposure of individuals and the community to known causes through proper intervention. • Skills: knows how to use knowledge, methods and control and will be able to shape and increase the health awareness of the population based on them, and apply them in order to protect and support the health of the population. • Competences: the student can assess the health status of the population. He knows how to organize preventive measures in order to support and protect the health of the population. It will strengthen its competence in the field of public health protection and preventive medicine	
<b>Course contents:</b> Purpose, meaning and principles of prevention. Basic definitions of prevention. Prevention of the most common oncological diseases. Prevention of cardiovascular diseases. Prevention of diseases of the gastrointestinal tract. Prevention of diseases of the respiratory tract. Prevention of degenerative diseases. Prevention of gynecological diseases. Prevention of angiological diseases. Prevention of nephrological diseases. Prevention of vertebrogenic diseases. Prevention of mental illnesses. Oral health.	

**Recommended or required literature:**

1. GEJDOŠOVÁ, Z. a kol. 2013. Prevencia v praxi, Verbum, Ružomberok, 2013, 119 s. ISBN 978-80-8084-983-2
2. TÓTH, K. a kol. 2008. Právo a zdravotníctvo, Herba, Bratislava, 2008, 388 s. ISBN 978-80-89171-57-6
3. BAŠKOVÁ, M. 2009. Výchova k zdraviu, Martin : Osveta, 2009, 226 s. ISBN 978-80-8063-320-2
4. ROVNÝ I. 2009. Verejné zdravotníctvo, 125 s., Bratislava : Herba, 2009, 125 s. ISBN 978-80-89171-60-6
5. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012, 651 s., ISBN 9788022412834
6. LEGÁTH, E. a kol. 2020. Pracovné lekárstvo, Martin : Osveta 2020, 295 s. ISBN 978-80-8063-493-3
7. DOMENIK, J. 2019. Základy prevencie a hygiena, učebné texty, FZ KU, 2019
8. ROVNÝ, I. 2010. Verejné zdravotníctvo včera, dnes a zajtra, Úrad verejného zdravotníctva SR, Bratislava, 2010, 144 s. ISBN 978-80-7159-206-8
9. ROVNÝ A KOL. 2011. Vybrané kapitoly z verejného zdravotníctva I., Banská Bystrica : Pro, 2011, 591 s. ISBN 978-80-89057-33-7
10. ROVNÝ ET AL. : Objektivizácia faktorov prostredia, Learning material, 2004

**Language of instruction:**

Slovak language

**Notes:**

This course is taught during the summer semester and is evaluated during the exam period of the summer semester.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH, MUDr. Mgr. Ján Hruška, PhD., MPH, MHA

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1024W/22	<b>Course title:</b> Fundamentals of Public Health
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 3 / 1 <b>hours per semester:</b> 36 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: a) during the semester: active participation in exercises b) final assessment: written exam, the student can get a maximum of 60 points. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: The subject provides a basic orientation for the student with the possibility of active application in the field of disease prevention, protection and support of public health and in the performance of supervisory tasks of public health. Acquiring knowledge about the protection and creation of health and healthy living conditions, about preventive programs and state health policy.</li> <li>• Skills: Exercises are focused on current public health problems. The student gains basic experience in processing public health issues, disease surveillance, and monitoring harmful factors for health. He will master the basic methods of work in public health and acquire basic skills to observe, identify, analyze and subsequently solve problems related to public health.</li> <li>• Competences: the student can assess the basic problems of public health. . He knows how to organize preventive measures with the aim of promoting and protecting health.</li> </ul>	
<b>Course contents:</b> Course contents: Public health - definition. Basic terms in public health. The Slovak Public Health Office and its tasks. History of public health in the world. History of public health in the Slovak Republic. Determinants of health I. Determinants of health II. Fields of science in relation to public health. Health Promotion and Protection Act. Achieved achievements in public health. Public health and its programs.	

**Recommended or required literature:**

1. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
2. LEGÁTH, E. a kol. 2020. Pracovné lekárstvo, Martin : Osveta 2020, 295 s. ISBN 978-80-8063-493-3
3. ROVNÝ, I. 2010. Verejné zdravotníctvo včera, dnes a zajtra, Úrad verejného zdravotníctva SR, Bratislava, 2010, 144 s. ISBN 978-80-7159-206-8
4. ROVNÝ A KOL. 2011. Vybrané kapitoly z verejného zdravotníctva I., Banská Bystrica : Pro, 2011, 591 s. ISBN 978-80-89057-33-7
5. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia, Osveta, 2003, 1133 s. ISBN 80-8063-113-1
6. TOMÁNEK, P. 2020. E-health na Slovensku: súčasný stav, výzvy a perspektívy, Tribun, Brno, 2020. 117 s. ISBN 978-80-263-1558-2
7. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
8. Rozhodnutie EP a Rady č. 1350/2007/ES – Akčný program v oblasti zdravia 2008-2013

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
44.44	33.33	11.11	0.0	0.0	11.11

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH, doc. PhDr. Mgr. Vladimír Littva, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1012W/22	<b>Course title:</b> Fundamentals of Public Health Policy
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 1 <b>hours per semester:</b> 24 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> The aim of the course: <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire knowledge about health policy in cooperation with the National Health Promotion Program. To acquire basic knowledge about the creation and instruments of public policy, about the specifics of creating health policy, knowledge important for the analysis of the health status of the population, the status of health care providers and their financial security, about the development of health policy in Slovakia and about international influences on our health policy.</li> <li>• Skills: The student will learn to use the knowledge, methods and control of health information and will be able to shape and increase the health awareness of the population based on them and apply them in order to improve the health of the population. He can compare Slovakia with EU countries in the basic parameters of health policy.</li> <li>• Competences: able to propose innovative solutions in the creation of documents and recommendations within the competences of a public health professional with a focus on health protection, health education and prevention.</li> </ul>	
<b>Course contents:</b> Public policy - resources, creation, tools. Health policy - characteristics, development and goals. Health systems. Medical services, facilities, medical staff <sup>5</sup> . Health economics, insurance. The transformation of healthcare here and in Europe. National health promotion program. Organization of health protection and promotion. WHO, EU and national health policies.	

**Recommended or required literature:**

6. KLEMENT, C. 2009. Medzinárodné zdravotné predpisy, Pro, Banská Bystrica, 2009, 438 s. ISBN 978-80-89057-24-5
7. LABUDOVÁ, J. 2012. Teória zdravia a podpora zdravia. Bratislava : Univerzita Komenského, 2012, 177 s. ISBN 978-80-223-3264-4.
8. LIBA, J. 2016. Výchova k zdraviu v školskej edukácii. Prešov : Prešovská univerzita, PF, 2016, 243 s. ISBN 78-80-555-1612-7.
9. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
10. Koncepcia odboru výchova k zdraviu - Vestník MZ SR 2014, č. 35-36.
11. Poradne zdravia - Vestník MZ SR 2018, č. 51-52

**Language of instruction:**

Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Jozef Domenik, PhD., MPH, MUDr. Mgr. Ján Hruška, PhD., MPH, MHA

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1014Y/22	<b>Course title:</b> German Language 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: Active participation in exercises. During exercises, students apply current issues based on recommended literature and resources presented during class. b) final assessment: oral exam (0-100 points) Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The aim of the subject: <ul style="list-style-type: none"> <li>• Knowledge: controls individual grammatical phenomena and knows the specialist vocabulary of individual thematic areas.</li> <li>• Skills: able to fulfill specific needs based on understanding the essence of what is heard, understands phrases and expressions related to common areas of everyday life, understands basic points in a speech on topics that are familiar to him, understands simple instructions of an informative nature, understands sentences, expressions and words that directly concern him, understands specific information in simpler written materials with which he comes into contact, understands the meaning of unknown words from the context of a short read text, can participate in short conversations, uses simple polite forms of address, formulates invitations, suggestions and apologies, reacts to them, can request various simple information, services and things, or provide them.</li> <li>• Competences: able to use common words and phrases necessary to satisfy simple communication needs, basic sentence patterns and able to communicate about learned topics through learned phrases and expressions, able to use learned vocabulary in such a way as to be able to deal with everyday actions that relates to familiar situations and topics.</li> </ul>	
<b>Course contents:</b> Nursing profession -health professions. In the hospital. Departments. Word formation. Communication skills. Communication with patients. Present. accidents. Admission to the hospital. Modal verbs. sample dialogs. Greeting the patient. description of symptoms. Instructions for undressing for physical exam. Instructions during the physical exam. commands. Requests. To give information. The imperative. Plural. Duties and responsibilities of nurses. Data collection in	

nursing. Subjective anamnesis. History of current diseases and past medical history. social and family history. pain and symptoms. adjectives.

**Recommended or required literature:**

1. HANÁKOVÁ, A. 2021. Němčina pro nelekářské zdravotnické obory. Praha: Grada, 2021, 232 s. ISBN 978-80-271-1717-8.
2. MOKROŠOVÁ, I. – BAŠTOVÁ, L. 2020. Němčina pro lékaře. Praha: Grada, 2004, 416 s. ISBN 978-80-247-2127-9.
3. DŽUGANOVÁ, B. – BARNAU, A. 2017. Nemčina pre lekárov a pracovníkov v zdravotníctve. Praha: Easton Books, 2017, 288 s. ISBN 978-80-810-9319-7.

**Language of instruction:**

German language, Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** PaedDr. Martin Pinkoš

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1027Y/22	<b>Course title:</b> German Language 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: Active participation in exercises. During exercises, students apply current issues based on recommended literature and resources presented during class. b) Final assessment: oral exam (0-100 points) Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> The aim of the subject: <ul style="list-style-type: none"> <li>• Knowledge: controls individual grammatical phenomena and knows the specialist vocabulary of individual thematic areas.</li> <li>• Skills: able to fulfill specific needs based on understanding the essence of what is heard, understands phrases and expressions related to common areas of everyday life, understands basic points in a speech on topics that are familiar to him, understands simple instructions of an informative nature, understands sentences, expressions and words that directly concern him, understands specific information in simpler written materials with which he comes into contact, understands the meaning of unknown words from the context of a short read text, can participate in short conversations, uses simple polite forms of address, formulates invitations, suggestions and apologies, reacts to them, can request various simple information, services and things, or provide them.</li> <li>• Competences: able to use common words and phrases necessary to satisfy simple communication needs, basic sentence patterns and able to communicate about learned topics through learned phrases and expressions, able to use learned vocabulary in such a way as to be able to deal with everyday actions that relates to familiar situations and topics.</li> </ul>	
<b>Course contents:</b> Human body. Parts of the body. head and neck. upper limbs. lower limbs. Position and direction terms. Local adjectives. body systems. formation of medical terms. adjective suffixes. skeletal system. Bone. joints. adverbs. musculature. Assessment of the musculoskeletal system. Prepositions. Prepositional Verbs. nervous system. Brain. nerves and neurons. Neurological examination. reflexes. cardiovascular system. Heart. Blood. endocrine system. lymphatic system. respiratory system. Breathing. Digestive system/gastrointestinal system. teeth and mouth. urinary	

system/renal system. vital functions. Assessment of vital functions. Temperature. pulse rate. Breathing. blood pressure. pain and symptoms. adjectives.

**Recommended or required literature:**

1. HANÁKOVÁ, A. 2021. Němčina pro nelekářské zdravotnické obory. Praha: Grada, 2021, 232 s. ISBN 978-80-271-1717-8.
2. MOKROŠOVÁ, I. – BAŠTOVÁ, L. 2020. Němčina pro lékaře. Praha: Grada, 2004, 416 s. ISBN 978-80-247-2127-9.
3. DŽUGANOVÁ, B. – BARNAU, A. 2017. Nemčina pre lekárov a pracovníkov v zdravotníctve. Praha: Easton Books, 2017, 288 s. ISBN 978-80-810-9319-7.

**Language of instruction:**

German language, Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** PaedDr. Martin Pinkoš

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1037Y/22	<b>Course title:</b> German Language 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final assessment: oral exam (0-100 points) Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course: <ul style="list-style-type: none"> <li>• Knowledge: knows professional nursing terminology in communication with the patient in German in various situations, knows professional terminology in the hospital and in medical facilities in German, knows German expressions for filling out medical documentation.</li> <li>• Skills: can apply acquired knowledge in contact with a German-speaking patient, applies knowledge in hospitals in German-speaking countries.</li> <li>• Competences: independently treat a German-speaking patient, orient oneself in a hospital in German-speaking countries, make entries in the medical documentation in German.</li> </ul>	
<b>Course contents:</b> Measure and write down the numbers, gauges. Too high and too low values. Curve documentation. The abdominal organs. The grammar: positions in the sentence. The admission interview. The nursing anamnesis, the eAids. The anamnesis speaks. The diseases. The grammar: perfect and sentence brackets. The respiratory organs. The preparation for the operation. The operation. The transfer from the OP. The first postoperative visit. The grammar: times.	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. FIRNHABER-SENSEN, U. – RODI, M. 2013. Deutsch im Krankenhaus. München : Klett-Langenscheidt GmbH, 2013, 128 s. ISBN 978-3-12-606179-7</li> <li>2. DŽUGANOVÁ, B. – BARNAU, A. 2017. Nemčina pre lekárov a pracovníkov v zdravotníctve. Bratislava : EastoneBooks, 2017, 274 s. ISBN 978-80-8109-319-7.</li> <li>3. HANÁKOVÁ, A. 2021. Nemčina: pro nelékařské zdravotnické obory. Praha : GradaPublishing, 2021, 231 s. ISBN 978-80-271-1717-8.</li> <li>4. DŽUGANOVÁ, B. – GEREISS, K. 2003. Deutsch für Mediziner. Martin : Osveta, 2003, 369 s. ISBN 80-8063-129-8.</li> <li>4. DŽUGANOVÁ, B. – GEREISS, K. 2003. Deutsch für Mediziner. Martin : Osveta, 2003, 369 s. ISBN 80-8063-129-8.</li> </ol>	

<b>Language of instruction:</b> Slovak language, German language					
<b>Notes:</b> .					
<b>Course evaluation:</b> Assessed students in total: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Name of lecturer(s):</b> RNDr. PaedDr. Mária Nováková, PhD., MBA, PaedDr. Martin Pinkoš					
<b>Last modification:</b> 11.09.2022					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1048Y/22	<b>Course title:</b> German Language 4
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final assessment: oral exam (0-100 points) Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course - aims of the course unit: <ul style="list-style-type: none"> <li>• Knowledge: knows professional nursing terminology in communication with the patient in German in various situations, knows professional terminology in the hospital and in medical facilities in German, knows German terms for filling out the patient's medical documentation in various departments.</li> <li>• Skills: can apply acquired knowledge when examining a German-speaking patient, applies knowledge of professional nursing terminology in hospitals and medical facilities in German-speaking countries.</li> <li>• Competences: independently treat a German-speaking patient, orient oneself in a hospital in German-speaking countries, make entries in the medical documentation in German.</li> </ul>	
<b>Course contents:</b> The rounds, the diagnostics and the phlegm took place. Arrangements for examinations, therapies and interventions. The handover. take care of reported. describe wound. wound care. Grammar: Passive. The circulatory system. The medication, the leaflet. Arrangement of medicines, dosage forms. Grammar: In addition to sentences with while and if. the spine. vocabulary work. wound documentation. General infection theory. Grammar: Comparisons: adjectives in the comparative.	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. FIRNHABER-SENSEN, U. – RODI, M. 2013. Deutsch im Krankenhaus. München : Klett-Langenscheidt GmbH, 2013, 128 s. ISBN 978-3-12-606179-7</li> <li>2. DŽUGANOVÁ, B. – BARNAU, A. 2017. Nemčina pre lekárov a pracovníkov v zdravotníctve. Bratislava : Eastone Books, 2017, 274 s. ISBN 978-80-8109-319-7.</li> <li>3. HANÁKOVÁ, A. 2021. Nemčina: pro nelékařské zdravotnické obory. Praha : Grada Publishing, 2021, 231 s. ISBN 978-80-271-1717-8.</li> <li>4. DŽUGANOVÁ, B. – GEREISS, K. 2003. Deutsch für Mediziner. Martin : Osveta, 2003, 369 s. ISBN 80-8063-129-8.</li> </ol>	

<b>Language of instruction:</b> Slovak language, German language					
<b>Notes:</b> .					
<b>Course evaluation:</b> Assessed students in total: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Name of lecturer(s):</b> RNDr. PaedDr. Mária Nováková, PhD., MBA, PaedDr. Martin Pinkoš					
<b>Last modification:</b> 11.09.2022					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1040W/22	<b>Course title:</b> Health Protection, Health Promotion 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) active participation in exercises b) Final assessment: exam Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: defines health protection, support and health education in terms of valid legislation, describes its specific aspects and focus, identifies the competencies of a public health worker.</li> <li>• Skills: can apply appropriate methods, forms and means of health-educational action in all age periods of a person.</li> <li>• Competences: able to propose innovative solutions within the competences of a public health professional with a focus on health protection, health education and prevention.</li> </ul>	
<b>Course contents:</b> Concept of the department - health education. Defining basic terms - health, health support, disease prevention, health maintenance. Factors influencing the health status of the population. Health education - goals, methods of health education, approaches to health education. Strategic framework for health care, health advice. Behavior in relation to health and illness, lifestyle, motivation. Compliance, adherence, concordance in health education. Preventive programs to support and maintain health. Health education in individual age periods. Health education in individual areas of human life.	

**Recommended or required literature:**

1. BAŠKOVÁ, M. 2009. Výchova k zdraviu. Martin : Osveta, 2009, 226 s. ISBN 978-80-8063-320-2.
2. HEGYI, L. – OCHABA, R. 2013. Výchova k zdraviu a podpora zdravia. Bratislava : Herba, 2013, 96 s. ISBN 978-80-89631-14-8.
3. LABUDOVÁ, J. 2012. Teória zdravia a podpora zdravia. Bratislava : Univerzita Komenského, 2012, 177 s. ISBN 978-80-223-3264-4.
4. LIBA, J. 2016. Výchova k zdraviu v školskej edukácii. Prešov : Prešovská univerzita, PF, 2016, 243 s. ISBN 78-80-555-1612-7.
5. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
6. Konceptia odboru výchova k zdraviu - Vestník MZ SR 2014, č. 35-36.
7. Poradne zdravia - Vestník MZ SR 2018, č. 51-52

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
72.73	27.27	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1051W/22	<b>Course title:</b> Health Protection, Health Promotion 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KVEZ/44V1040W/22	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final assessment: exam Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes <ul style="list-style-type: none"> <li>• Knowledge: defines health protection, support and health education in terms of valid legislation, describes its specific aspects and focus, identifies the competencies of a public health worker.</li> <li>• Skills: can apply appropriate methods, forms and means of health-educational action in all age periods of a person.</li> <li>• Competences: able to propose innovative solutions within the competences of a public health professional with a focus on health protection, health education and prevention.</li> </ul>	
<b>Course contents:</b> Health promotion, basic counseling for health promotion. Nutrition and health education. Water and health education. Solar radiation and health education. Physical activity and health education. Rest and health education. Smoking and health education. Alcohol and health education. Illegal drugs and health education. Pathological gambling and health education. Methods of health education. Health education in the media. Psychology of health education World Health Organization, WHO programs - Health for all by the year 2000, Health for all in the 21st Century. National health promotion program and other important WHO programs and documents.	

**Recommended or required literature:**

1. BAŠKOVÁ, M. 2009. Výchova k zdraviu. Martin : Osveta, 2009, 226 s. ISBN 978-80-8063-320-2.
2. HEGYI, L. – OCHABA, R. 2013. Výchova k zdraviu a podpora zdravia. Bratislava : Herba, 2013, 96 s. ISBN 978-80-89631-14-8.
3. LABUDOVÁ, J. 2012. Teória zdravia a podpora zdravia. Bratislava : Univerzita Komenského, 2012, 177 s. ISBN 978-80-223-3264-4.
4. LIBA, J. 2016. Výchova k zdraviu v školskej edukácii. Prešov : Prešovská univerzita, PF, 2016, 243 s. ISBN 78-80-555-1612-7.
5. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
6. Konceptia odboru výchova k zdraviu - Vestník MZ SR 2014, č. 35-36.
7. Poradne zdravia - Vestník MZ SR 2018, č. 51-52

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	10.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1025W/22	<b>Course title:</b> Health Statistics
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: written test. Credits will be awarded to a student who scored at least 60 out of 100% on the test. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Aims of the course: <ul style="list-style-type: none"> <li>• Knowledge: familiarize and teach public health students to use the most important statistical methods. Know how to use adequate statistical procedures in data analysis in epidemiological studies</li> <li>• Skills: the student can work in the Microsoft Excel program, can use statistical methods in data processing. which he will be able to use in the creation of simple studies in public health.</li> <li>• Competences: the student knows how to use the acquired statistical knowledge and skills in data processing when creating simple studies and works in public health, thereby contributing to the acquisition of new professional or scientific information.</li> </ul>	
<b>Course contents:</b> Types of statistical data. Descriptive statistics (measures of location and variability). Possibilities of image and graphic processing of statistical data. Random variable and its characteristics. Normal distribution in a statistical set, distribution of the sample mean. Interval estimate of the population mean. Hypothesis testing (parametric tests). Student's t-test. Analysis of variance. Probability theory. Functional dependencies. Correlation and regression (linear). Page: Non-parametric tests. Practical applications to the issues dealt with by public health.	

**Recommended or required literature:**

1. TEREK, M. 2017. Interpretácia štatistiky a dát. Košice : Equilibria, 2017. 458 s. ISBN 978-80-8143-213-2
2. PROCHÁZKA, B. 2015. Biostatistika pro lékaře : principy základních metod a jejich interpretace s využitím statistického systému R. Praha : Univerzita Karlova : Karolinum, 2015, 345 s. ISBN 978-80-246-2782-3
3. HEBÁK, P. 2015. Statistické myšlení a nástroje analýzy dat. Praha : Informatorium, 2015. 877 s. ISBN 978-80-7333-118-4
4. RUSNÁK, M. a kol. 2010. Bioštatistika pre študentov verejného zdravotníctva. Trnava : Vydavateľstvo Trnavskej univerzity. , 2010, 216 s. ISBN 978-80-8082-332-0
5. KEITH F. PUNCH. 2008. Základy kvantitatívneho šetření. Praha: Portál, 2008. 152 s. ISBN 978-80-7367-381-9
6. MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. 2005. Akademická příručka. Martin: Osveta, 2005. 496 s.
7. SILVERMAN, D. 2005. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005. 327 s. ISBN 80-551-0904-4

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
0.0	33.33	33.33	0.0	33.33	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok					
<b>Faculty:</b> Faculty of Health					
<b>Course code:</b> KVEZ/44V3001Z/22		<b>Course title:</b> Introduction to Military Healthcare			
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 4 <b>hours per semester:</b> 24 / 48 <b>Teaching method:</b> on-site					
<b>Credits:</b> 2		<b>Working load:</b> 50 hours			
<b>Recommended semester/trimester:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Requirements for passing the course:</b>					
<b>Learning outcomes of the course:</b>					
<b>Course contents:</b>					
<b>Recommended or required literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:</b>					
<b>Course evaluation:</b> Assessed students in total: 2					
A	B	C	D	E	FX
0.0	100.0	0.0	0.0	0.0	0.0
<b>Name of lecturer(s):</b> PhDr. Andrea Ševčovičová, PhD., MPH					
<b>Last modification:</b>					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1008W/22	<b>Course title:</b> Latin Language
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> During the semester: Individual or group work on exercises with active solution of model situations and practical mastery of the subject. Final evaluation: written exam (0-100%) and 100% participation in exercises. At the written final exam, the student can get max. 60 points. 100% active participation in exercises is required for admission to the exam, any non-participation must be excused or replaced in another term of exercises in parallel disciplines. The final assessment corresponds to the grading scale. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> Objective of the course: <ul style="list-style-type: none"> <li>• Knowledge: demonstrate knowledge of medical terminology in Latin-Greek form with internal understanding of its structure.</li> <li>• Skills: able to use acquired knowledge in practical professional activities, when studying professional literature and in parallel professional subjects, accurately and linguistically correct use of medical terminology in oral and written form.</li> <li>• Competences: acquires a minimum of Latin grammar, which is a condition for mastering the basics of Latin medical terminology, knows how to apply it in practice</li> </ul>	
<b>Course contents:</b> Historical and linguistic introduction to medical Latin, Latin and Greek in medical nomenclature, structure of multi-word terms. Latin pronunciation, basic grammatical terms, practicing correct reading of Latin medical terms. Declensions of nouns with a focus on genitive, accusative and ablative frequency. Adjectives, their declension and connection with nouns, use of degrees. Adverbs, the use of prepositions in medical terminology and their connection with nouns in the accusative and ablative cases. Numerals, their use and declension, expression of quantity. Verbs in pharmaceutical terminology, recipe. Latin and Greek prefixes and suffixes, terms with a Latin and Greek base. Greek equivalents of basic anatomical terms and terminology used in the clinic. Vocabulary suffixes. Compound words. Principles of creating composites. Simple diagnoses. Latin sentences still valid today. Active work with terminological expressions. Practical exercises	

and tasks, creating multi-word terms and automating common connections. Systematization and verification of acquired knowledge.

**Recommended or required literature:**

1. ŠIMON, F. - BUJALKOVÁ, M. 2012. Latinský jazyk pre medikov. Košice : Knihy Hanzlúvka, 2012. 169 s. ISBN 978-80-89546-06-0
2. KÁBRT, J. 2010. Latinský jazyk. Martin: Osveta, 2010. 156 s. ISBN 978-80-8063-353-0
3. ŠIMON, F.: Latinská lekárska terminológia. Martin: Osveta, 1990, 184 s. ISBN 8021702974.

**Language of instruction:**

Slovak language, Latin language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
40.0	10.0	0.0	20.0	0.0	30.0

**Name of lecturer(s):** PhDr. Mária Macková

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1052W/22	<b>Course title:</b> Law and Legislation
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final evaluation: oral exam (0-100 points). In the final oral exam, the student can get a maximum of 100 points - he answers 3 questions from three topics - general health legislation, competencies of a health worker and a case study. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course : <ul style="list-style-type: none"> <li>• Knowledge: master the basics of law, social and health legislation, legal aspects and competence of health workers. He will acquire basic concepts such as law, legal responsibility of a health worker, competencies of a health worker.</li> <li>• Skills: applies legislative standards in clinical practice. Observes patients' rights and safety rules on health protection at work.</li> <li>• Competences: provides health care in accordance with applicable legislation and ethical code.</li> </ul>	
<b>Course contents:</b> Basic legal concepts. Basic human rights and freedoms. Labor law of healthcare workers. Labor-legal liability for damage. Criminal liability for damage. Legal aspects of health care. Legal status of a health worker. Medical standards, patient rights and medical documentation. Protection and promotion of public health. Safety and health protection at work. Administrative procedure - legal aspects.	



**Recommended or required literature:**

1. SIMOČKOVÁ, V. PEŘINA, J. 2019. Legislatíva verzus zdravotníci. Martin : Osveta, 2019. 159 s. 978-80-8063-483-4.
2. SIMOČKOVÁ, V. 2019. Minimum pracovného práva pre zdravotníkov : učebné texty sú zamerané na pracovnoprávne ustanovenia. Košice : Multiprint. 2019, 75 s. 978-80-89551-33-0.
3. TÓTH, K. a kol. 2008. Právo a zdravotníctvo. Bratislava: Herba. 2008. 388 s. ISBN 978-80-89171-57-6.
4. TÓTH, K. a kol. 2013. Právo a zdravotníctvo II. Bratislava: Herba. 2013. 432 s. ISBN 978-80-89631-08-7.
5. VLČEK, R., HRUBEŠOVÁ, Z. 2007. Zdravotnícke právo. Bratislava: Epos. 2007. 319 s. ISBN 978-80-8057-705-6.
6. VONDRÁČEK, L. 2005. Právni předpisy nejen pro hlavní, vrchní, staniční sestry. Praha: Grada. 2005. 100 s. ISBN 80-247-1198-2.

**Language of instruction:**

Slovak language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
90.91	0.0	0.0	9.09	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Ivan Solovič, CSc.**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1062W/22	<b>Course title:</b> Medical Techniques
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 3 <b>hours per semester:</b> 12 / 36 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises b) final assessment: oral exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student will gain knowledge about the general principles, procedures and techniques of providing health care from the point of view of public health.</li> <li>• Skills: The student can apply individual principles, procedures and techniques in the provision of health care.</li> <li>• Competences: the student has the ability and competence to use the acquired knowledge and skills in the performance of state health supervision in medical facilities.</li> </ul>	
<b>Course contents:</b> Patient admission, patient triage. Barrier treatment technique. Hygienic patient care. Measurement and recording of physiological functions. Serving food to patients. Administration of medicines and injections. Blood sampling. Urine collection. Stool collection and rectal swab. Swab from the nose, nasopharynx, tonsils, sputum collection. Swab from the wound. Wound care. Prevention of pressure ulcers and steaming. Peripheral vascular catheter care, central venous catheter. Care of an indwelling urinary catheter. Airway care during artificial lung ventilation. Decolonization of the patient. Care of the patient with multiresistant microorganisms. Use of personal protective work equipment and clothing. Hand hygiene. Waste management. Housekeeping. Disinfection of tools, aids and work surfaces.	

**Recommended or required literature:**

1. KRIŠKOVÁ, A. a kol. 2006. Ošetrovateľské techniky- metodika sesterských činností. Martin : Osveta, 2006, 779 s., ISBN 80-8063-202-2
2. KRIŠKOVÁ, A. a kol. 2001. Ošetrovateľské techniky. Martin : Osveta, 2001, 804 s., ISBN 80-8063-087-9
3. MIKŠOVÁ, Z. a kol. 2006. Kapitoly z ošetrovateľskej péče I. Praha, Grada, 2006, 248 s. ISBN 80-247-1442-6
4. MIKŠOVÁ, Z., FROŇKOVÁ, M., ZAJÍČKOVÁ, M. 2006. Kapitoly z ošetrovateľskej péče II. Praha, Grada, 2006, 171 s. ISBN 80-247-1443-4
5. KOLEKTÍV AUTOROV. 2007. Základné ošetrovateľské techniky 1. Košice : Seminár sv. Karola Boromejského, 2007, 167 s. ISBN 80-89138-60-8
6. MAĎAR, R. a kol. 2006. Prevence nozokomiálnych nákaz v klinickej praxi. Praha : Grada, 2006, 178 s. ISBN 80-247-1673-9

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
25.0	37.5	37.5	0.0	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD., PhDr. Lukáš Kober, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1032W/22	<b>Course title:</b> Microbiology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final evaluation: test (0-30 points) The number of points obtained for the final evaluation is 30. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Course objectives: <ul style="list-style-type: none"> <li>• Knowledge: students learn the basics of general microbiology, epidemiology and immunology.</li> <li>• Skills: able to apply acquired knowledge in concrete practice, realizing the importance of anti-epidemic measures in the wider context of microbiological issues.</li> <li>• Competences: able to increase the efficiency of treatment processes taking place in a healthcare facility by observing anti-epidemic measures and raising awareness in this area.</li> </ul>	
<b>Course contents:</b> Course contents: Introduction to microbiology, general bacteriology, physiological microbiota of the human body, collection and processing of infectious material, antimicrobial agents, nosocomial infections, basics of parasitology, basics of mycology, basics of general virology, basics of general epidemiology	
<b>Recommended or required literature:</b> <ol style="list-style-type: none"> <li>1. TIMKO, J. 2015. Mikrobiológia, epidemiológia. Verbum, 2015, 93 s. ISBN 978-80-561-0210-7.</li> <li>2. ZAHRADNICKÝ, J. a kol. 1991. Mikrobiológia a epidemiológia 1. Osveta , 1991. 611 s. ISBN 80-217-0326-1</li> <li>3. PETROVIČOVÁ, A., ŠIMKOVIČOVÁ, M. 2008. Všeobecná mikrobiológia. SZU, 2008. 107 s. ISBN 978-80-89352-01-2</li> <li>4. SCHINDLER, J. 2014. Mikrobiologie pro studenty zdravotnických oborů. Grada, 2014. 215 s. ISBN 978-80-247-4771-2</li> </ol>	
<b>Language of instruction:</b> Language of instruction: Slovak	

<b>Notes:</b>					
<b>Course evaluation:</b> Assessed students in total: 11					
A	B	C	D	E	FX
27.27	9.09	36.36	27.27	0.0	0.0
<b>Name of lecturer(s):</b> MUDr. Jozef Ficik, MPH, doc. RNDr. Jaroslav Timko, PhD.					
<b>Last modification:</b> 11.09.2022					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1050W/22	<b>Course title:</b> Objectivization of Factors of the Living and Working Environment
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 1 <b>hours per semester:</b> 24 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 3	<b>Working load:</b> 75 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises b) final assessment: oral exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: the student will acquire the latest knowledge from the scientific fields of chemical analysis, environmental biology, environmental microbiology, and physical factors. Become familiar with the roles of public health and the roles of the state and health protection authorities in caring for healthy living and working conditions.</li> <li>• Skills: the student will acquire practical skills in assessing environmental risks to the health of the population as well as risks and threats in the work environment - health risks.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills in assessing the impact of factors from the living and working environment on people's health. He is able to objectify life and work factors in the implementation of state health supervision, as well as in other activities arising from the tasks of public health.</li> </ul>	
<b>Course contents:</b> Biological methods of water testing. Ecotoxicological tests of waters and leachates. Microbiological tests of drinking water. Microbiological tests of cosmetics. Microbiological tests of air. Chemical and physical-chemical testing of water, food, air. Biological exposure tests and genetic toxicology. Noise and vibrations in the living and working environment. Measurement of thermal-humidity microclimate and optical radiation. Electromagnetic field in the living and working environment. Accreditation and good laboratory practice. Validation of methods, uncertainty of measurement.	

**Recommended or required literature:**

1. ROVNÝ,I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 8089171222
2. ŠULCOVÁ,M., ČIŽNÁR,I., FABIÁNOVÁ,E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
3. JURKOVIČOVÁ,J. a kol. 2010, Praktické cvičenia z hygieny. Bratislava: UK, 2010, 331 s. ISBN9788022328166
4. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 8089171184 4.
5. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
60.0	30.0	0.0	0.0	10.0	0.0

**Name of lecturer(s):** MUDr. Martin Kapasný, PhD., MPH, doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1046W/22	<b>Course title:</b> Occupational Health
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises, seminar work. b) final assessment: written exam, the student can get a maximum of 60 points. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: the student will gain knowledge about professional diseases caused by physical, chemical and biological factors of the working environment, know the compensation system for occupational diseases, gain knowledge about the activities of a public health worker in the care of industrial accidents, natural disasters.</li> <li>• Skills: he knows how to use knowledge, methods and control and, based on them, he will be able to proceed in the control of the working environment and its impact on health</li> <li>• Competences: the student will acquire the competence to work at the public health office and in the health work service.</li> </ul>	
<b>Course contents:</b> Course contents: Characteristics of the field and practice of preventive occupational medicine from the point of view of a public health professional. The concept of the department of preventive occupational medicine, the tasks of occupational health services, interdepartmental cooperation. Occupational diseases caused by chemical factors in the working environment. Professional cancers. Occupational diseases caused by physical factors of the working environment. Occupational diseases of the respiratory system, damage from dust in the lungs. Professional infectious diseases and professional stress. Specific problems related to the work process (work at heights, in transport, work with a computer, occupational accidents). Damage to health caused by socio-economic factors (migration for work, unemployment, ...) Drug addiction in interaction with work factors. Organization of first aid provision, procedures for industrial accidents and natural disasters. Legislation in occupational medicine, government regulations, list of occupational diseases of the Slovak Republic, reporting and compensation, other financial compensation, statistics and records of occupational diseases and work accidents.	



**Recommended or required literature:**

1. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia. Osveta, Martin 2003. 1133 s. ISBN 80-8063-113-1
2. GEJDOŠOVÁ, Z. a kol. 2013. Prevencia v praxi, Verbum, Ružomberok, 2013, 119 s. ISBN 978-80-8084-983-2
3. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
4. LEGÁTH, Ľ. a kol. 2020. Pracovné lekárstvo, Martin : Osveta 2020, 295 s. ISBN 978-80-8063-493-3
5. KRIŠKOVÁ, A. a kol. 2003. Ošetrovatel'stvo v zdraví pri práci. Martin: Osveta, 2003. 155 s. ISBN 80-8063-109-3
6. MÁLEK, B. 2014. Hygiena práce. Praha, Sootáles, 279 s. ISBN 978-80-86817-46-0
7. 4. ŠEVČÍKOVÁ, L.: Hygiena, Vydavateľstvo UK, Bratislava, 2006, ISBN 80-223-2103-6
8. 6. ROVNÝ, I. a kol.: Preventívne lekárstvo. Martin: Osveta, 1995. 271 s. ISBN 80-217-0574-4
9. 7. Zákon č. 576/2004 o zdravotnej starostlivosti,...a o zmene a doplnení niektorých zákonov.

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught and evaluated only in the summer semester of the respective academic year.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
81.82	18.18	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1018W/22	<b>Course title:</b> Pathology and Pathological Physiology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> During the semester: Participation in lectures. Final evaluation: Oral exam (0-100 points). Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course <ul style="list-style-type: none"> <li>• <b>Knowledge:</b> Pathology is a branch of science dealing with changes in the human organism during illness. It explains the origin and manifestations of individual diseases. Know the basic terminology in the field. Gain knowledge from general pathology about the pathomechanism of fever, inflammation, hypoxia, shock, stress, etc. About the change in the structure and function of individual organs during the disease. .</li> <li>• <b>Skills:</b> The student defines the essence of disease and health, has knowledge about the etiology, pathogenesis and prevention of diseases, the differences between hereditary, congenital and acquired disease, has knowledge about the pathology of inflammation, cell pathology, malignant transformation of cells, disorders of thermoregulation, water and electrolyte management , about shock, collapse states, stress, etc. He has knowledge about the pathogenesis of diseases of individual organ systems.</li> <li>• <b>Competences:</b> In practice, he can apply theoretical knowledge about the basic pathomorphological and functional changes of individual organs during disease processes to clinical practice and use it in the assessment of the patient's condition.</li> </ul>	
<b>Course contents:</b> Characteristics of the field, definition of illness, health. Etiology, pathogenesis and prevention of diseases. The importance of heredity in the pathogenesis of diseases, stress. Inflammation (types and forms, inflammatory mediators), malignant transformation of cells, pain. Fever, disorders of water and electrolyte metabolism and internal environment. Pathophysiology of shock, collapse states, syncope. Pathogenesis of atherosclerosis and heart disease. Pathophysiology of the vascular system, pathogenesis of hypertension. Pathophysiology of the respiratory system diseases of the respiratory system. Pathogenesis and diseases of the uropoietic system. Pathogenesis, pathophysiology of	

diseases of the endocrine system and diabetes mellitus. Pathogenesis of GIT diseases and GIT diseases. Pathogenesis of blood and hematopoietic system. Pathogenesis of the movement system.

**Recommended or required literature:**

1. LACKO, A., KALIŠ, a kol. 2017. Vybrané kapitoly z patológie pre nelekárske zdravotnícke odbory. Ružomberok: KU Verbum, 2017, 212 s. ISBN 978-80-561-0745-4.
2. ROKYTA, R. a kol. 2015. Fyziologie a patologická fyziologie pro klinickou praxi. Praha: Grada, 2015, 680 s. ISBN 978-80-247-4867-2.
3. PLANK, L., HANÁČEK, J., LAUKO, L. a kol. 2007. Patologická anatómia a patologická fyziológia pre nelekárske odbory. Martin: Osveta, 2007, 286 s. ISBN 978-80-8063-241-0.

**Language of instruction:**

Slovak language

**Notes:**

**Course evaluation:**

Assessed students in total: 6

A	B	C	D	E	FX
16.67	66.67	0.0	16.67	0.0	0.0

**Name of lecturer(s):** MUDr. Adrian Kališ, PhD., prof. MUDr. Anton Lacko, CSc.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1019W/22	<b>Course title:</b> Pedagogy, Psychology and Sociology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: active participation of the student in classes b) Final evaluation: written exam - electronic test (60-100%). Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Course objective: <ul style="list-style-type: none"> <li>• Knowledge: The student acquired basic knowledge about human development within human society as well as its organization and processes. The student reproduces the basic principles of social life and understands man as a bio-psycho-social being.</li> <li>• Skills: The student understands current social problems with the intention of understanding them more deeply and being able to have a qualified dialogue.</li> <li>• Competencies: The student is able to analyze social problems and transform them into a healing process.</li> </ul>	
<b>Course contents:</b> Introduction to sociology - Definition of the subject of sociology, History of defining the subject of social science, The most important directions of contemporary sociology, The difference in the approach of sociology from other scientific disciplines. Socialization, norms in society., Social status. Social role. Social conformity, nonconformity and deviance. Social control. Social group, social structure, power and authority. Sociological characteristics of illness, behavior in health and illness. Self-help groups. Culture and society.	

**Recommended or required literature:**

1. FRANZENOVÁ, I. 2014. Sociológia výchovy, Verbum, KU Ružomberok, 2014, 111 s. ISBN 978-80-561-0121-6
2. LABUDOVÁ, J. 2012. Teória zdravia a podpora zdravia, UK Bratislava, 2012, 177 s. ISBN 978-80-223-3264-4
3. ZACHAROVÁ, E., ČÍŽKOVÁ, J., LITVA, V. 2010. Aplikovaná psychologie ve zdravotnícké praxi, Tribun EU, Brno 2010. 224 s. ISBN 978-80-7368-703-8.
4. MEAD, G.H. 2017. Mysl, já a společnost, Portál, Praha, 2017, 247s. ISBN 978-80-262-1180-8
5. MOREE, D. 2015. Základy interkulturního soužití, Portál, Praha, 2015, 204 s. ISBN 978-80-262-0915-7
6. OZOROVSKÝ, V. A KOL 2011. Sociálne lekárstvo Bratislava : Asklepios, 2011. ISBN 978-7167-158-9
7. PALA, G. a kol. 2014. Vízie a perspektívy kvality života, Prešovská univerzita, Prešov, 2014, 257 s. ISBN 978-80-555-1147-4
8. SALOŇ, L. 2021. Kvalita života a životný štýl rodiny v kontexte migrácie jej žiteľov za prácou, Verbum, Ružomberok, 2021, 153 s. ISBN 978-80-561-0875-8

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 7

A	B	C	D	E	FX
71.43	0.0	14.29	0.0	0.0	14.29

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, doc. PhDr. PaedDr. Viera Simočková, PhD.**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1030W/22	<b>Course title:</b> Pharmacology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 0 <b>hours per semester:</b> 24 / 0 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: participation in lectures b) Final assessment: written exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: the student knows the place of pharmacology among other medical fields, controls the application, effects and unwanted manifestations of drugs in the human body</li> <li>• Skills: the student can use the acquired knowledge of pharmacology in everyday practice.</li> <li>• Competences: the student knows how to work efficiently and competently with the application of drugs</li> </ul>	
<b>Course contents:</b> General pharmacology: Pharmacokinetics, Pharmacodynamics of drugs, Development of new drugs Special pharmacology: Fundamentals of treatment of arterial hypertension and vascular diseases. Basics of heart disease treatment. Treatment of brain diseases. Basics of antibiotic and antiviral treatment. GIT diseases and their treatment. Respiratory diseases and treatment. Diseases of the kidneys, urinary tract and their treatment. Endocrinopathies and their most common therapy. Meaning and place of palliative treatment. The most common liver diseases and their treatment. Oncological diseases and their treatment.	

**Recommended or required literature:**

1. GADUŠOVÁ, M. a kol. 2017. Vybrané kapitoly z farmakológie. Ružomberok: Verbum. 2017, 167 s. ISBN 978-80-561-0468-2
2. HEGYI, L.- KRAJČÍK, Š. 2010. Geriatria, Bratislava: HERBA, 2010, 601 s. ISBN 978-80-89171-73-6
3. LEHNE, R., A. 2013. Pharmacology for Nursing Care, 10 Edition. Copyright 2019, 2013, 2010, 2007, 2004, 2001, 1998, 1994, 1990 by Saunders, an imprint of Elsevier Inc. Page Count: 1456 s. ISBN 978-1-4377-3582-6
4. MARTÍNKOVÁ, J. - CHLÁDEK, J.- MIČUDA, S.- CHLÁDKOVÁ J. 2007. Farmakologie pro studenty zdravotnických oborů. Praha: Grada Publishing a.s. 2007. ISBN 978-80-247-1356-4
5. ZRUBÁKOVÁ, K a kol. 2012. Farmakoterapia seniora z pohľadu sestry. Ružomberok: Verbum. 2012, 114 s. ISBN 978-80-8084-963-4

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and evaluated only in the relevant examination period of the winter semester of the academic year

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
63.64	18.18	9.09	9.09	0.0	0.0

**Name of lecturer(s):** MUDr. Mária Gadušová, PhD., prof. MUDr. Anna Lesňáková, PhD., PharmDr. Pavol Púčať

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1007W/22	<b>Course title:</b> Physiology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 0 <b>hours per semester:</b> 24 / 0 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for completing the course: a) During the semester: participation in lectures b) Final assessment: Exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: Familiarity with the basic physiological functions of individual organ systems of the human body. Understanding the organism as a dynamic whole, the importance of homeostasis of the internal environment for the functioning of organs and its stability. Changes in the organism during movement and physical exercises.</li> <li>• Skills: The student controls professional terminology, defines the basic physiological principles of homeostasis of the internal environment of the organism. It describes the physiological activity of organ systems, illustrates the essence of individual physiological processes. It defines the basic differences between non-specific and specific immunity, between an enzyme and a hormone, between the autonomic and somatic nervous system, etc. Can interpret physiological changes during work and physical exercises.</li> <li>• Competences: The student demonstrates the application of theoretical knowledge to clinical practice. He orients himself in the integration of his theoretical knowledge into individual clinical fields, such as blood pressure measurement, evaluation of cardiac activity according to heart echoes, knowledge of the basic parts of the EKG curve and functional examination of respiratory volumes. Knows the basic principles of examination of urine and kidney function, examination of blood elements, when administering a blood transfusion, the importance of examination of enzymes, hormones, differences</li> </ul>	
<b>Course contents:</b> Course contents: Characteristics of the subject, cell physiology, internal environment. Blood physiology. Physiology of the cardiovascular and lymphatic system. Physiology of respiration. Physiology of the digestive system and nutrition. Physiology of the excretory system. Physiology of the endocrine system.	



Physiology of the autonomic and somatic nervous system. Physiology of thermoregulation, muscles and skin. Physiology of the immune system and reproduction. Physiology of nutrition and sensory organs. Physiology of work and physical exercises.

**Recommended or required literature:**

1. LACKO, A. a kol. 2021. Vybrané kapitoly z fyziológie pre ošetrovateľstvo, verejné zdravotníctvo a nelekárske zdravotnícke vedy. Ružomberok: KU Verbum, 2021, 138 s. ISBN 978-80-561-0908-3.
2. KITTNAR, O. a kol. 2021. Přehled lékařské fyziologie. Praha: Grada, 2021, 336 s. ISBN 978-80-271-1025-4.
3. ROKYTA, R. a kol. 2015. Fyziologie a patologická fyziologie pro klinickou praxi. Praha: Grada, 2015. 680 s. ISBN 978-80-247-4867-2.
4. ČALKOVSKÁ, A. a kol. 2010. Fyziológia človeka pre nelekárske študijné programy. Martin: Osveta, 2010, 220s. ISBN 978-80-8063-344-8.

**Language of instruction:**

slovak language

**Notes:**

The subject is taught only in the winter semester and evaluated only in the relevant examination period of the winter semester of the academic year

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** prof. MUDr. Anton Lacko, CSc.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1053W/19	<b>Course title:</b> Profesional Ethics
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) During the semester: active participation in exercises b) Final evaluation: performance evaluation Subject evaluation: A – 100%-93%; B – 92%-85%; C – 84%-77%; D – 76%-69%; E – 68%-60%; FX – 59%- 0%. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student deepens theoretical knowledge in the field of professional communication and the specifics of communication. The student will gain knowledge about the latest approaches in the field of ethics and decision-making in the field of public health.</li> <li>• Skills: The student will be able to demonstrate the basics of professional behavior in health care. Master the model of effective communication based on the situation, environment and self-evaluation. He will acquire practical skills that will help him analyze current ethical problems affecting the field of public health, on the basis of which he will be able to make decisions in specific situations.</li> <li>• Competences: Acquires competencies within professional behavior in health care.</li> </ul>	
<b>Course contents:</b> Codes of ethics and requirements for health workers. Moral and ethical dilemmas in healthcare at the beginning of life - artificial reproduction, viability, artificial termination of pregnancy, contraception. Moral-ethical evaluation of problems in the care of sexual and reproductive health: the problem of sterilization, castration, prenatal diagnostics, programmed birth, transplantation of human fetal tissues. selective reproduction, eugenics and public health. Ethics and ethics commissions. The process of obtaining informed consent. Ethics, screening, control of infectious diseases and coercive means in healthcare. Ethics of transplantation. Ethics, smoking and environmental health. Ethics at the end of life - euthanasia, futile treatment, failure to provide treatment to the dying. Patients' rights and ethics. Ethics and screening programs, immunization, development of new drugs. Ethics and preventive programs	

**Recommended or required literature:**

1. CHALUPA, R. 2012. Efektivní krizová komunikace. Praha, Grada 2012, 169 s. ISBN 978-80-247-4234-2
2. PTÁČEK, R. 2011. Etika a komunikace v medicíně. Praha, Grada 2011, 528 s. ISBN 978-80-247-3976-2
3. HUMENÍK IVAN, SZANISZLÓ M. 2012. Biomedicínsky výskum, právne, etiky, filozoficky. Bratislava, Eurokódex, 2012 336 s. ISBN 978-80-89447-73-2
4. JEMELKA PETER, 2013. Kapitoly z aplikovanej etiky III. Úvod do bioetiky, Michal Vaško, 2013, 92.s. ISBN 978-80-7165-905-1
5. LITTVÁ, V a kol. 2019. Profesijsná aplikovaná etika vo verejnom zdravotníctve, Verbum, Ružomberok, 2019, 174 s. ISBN 978-80-561-0694-5
6. LITTVÁ, V. a kol. 2020. Profesijsná aplikovaná etika v urgentnej zdravotnej starostlivosti, Verbum, Ružomberok, 2020, 281 s. ISBN 978-80-561-0835-2
7. VÁCHA MAREK, 2012. Základy moderní lékařské etiky, Portál 2012, 302 s. ISBN 978-80-7367-780-0

**Language of instruction:**

Slovak language

**Notes:**

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**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH

**Last modification:** 12.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V23S/22	<b>Course title:</b> Professional Practice - Training
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> <b>Teaching method:</b> on-site	
<b>Credits:</b> 6	<b>Working load:</b> 150 hours
<b>Recommended semester/trimester:</b> 5., 6..	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: the student has successfully completed all prescribed study obligations of the bachelor's study program. The student's practical skills will be checked and evaluated according to standard criteria by the State Examinations Committee. Credits will be awarded to a student who has obtained at least 60 out of 100%. Rating: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%- 0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• Knowledge: the student has the knowledge necessary to master practical tasks in the areas of public health listed in the brief outline.</li> <li>• Skills: The student has practical skills resulting from the requirements of the study field of public health and can independently perform practical tasks from the areas of public health listed in the brief outline.</li> <li>• Competences: passing the state exam is a confirmation that the student has mastered the requirements of the study program in the practical field and can solve practical tasks in the performance of the profession.</li> </ul>	
<b>Course contents:</b> Passing the state exam is confirmation that the student has mastered the requirements of the study program in the practical part and acquired practical skills in the following areas: Preventive occupational medicine. Health advisors. Environmental hygiene. Hygiene of children and youth. Food hygiene. Epidemiology of non-infectious diseases. Epidemiology of infectious diseases.	

**Recommended or required literature:**

1. BAKOSS A SPOL.: Epidemiológia. Bratislava 2011, vyd. Univerzita Komenského, 520 s., ISBN 978-80-2232-929-3
2. EGNEROVÁ, A. a kol. 2010. Epidemiológia základy a metódy. Bratislava : Slovenská zdravotnícka univerzita, 2010. 141s., ISBN 978-80-8935-267-8
3. ROVNÝ, I. a kol. 2004. Hygiena výživy. Bratislava : Herba , 2004, 217 s. ISBN 8089171168
4. KUDLOVÁ, E., a kol. 2009. Hygiena výživy a nutričná epidemiológia. Praha : Karolinum , 2009, 217 s. ISBN 8089171168
5. JURKOVIČOVÁ, J. a kol. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.
6. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
7. ROVNÝ, I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 8089171222
8. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 8089171184 4.
9. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
10. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia. Martin : Osveta, 2003, 1132 s. - ISBN 80-806-31131
11. NOVÁKOVÁ, J., HAMADE , J. 2010. Aktuálne témy v oblasti hygieny detí a mládeže, ÚVZ SR, 2010, 56 s. ISBN 978-80-7159-185-6
12. ROVNÝ, I. a kol. 2009. Prevencia závislosti a fajčenia tabaku. ÚVZ SR Bratislava, 2007, 143 s. ISBN 978-80-7159-164-1
13. ROVNÝ, I. 2009. Verejné zdravotníctvo, Herba : Bratislava, 2009, 125 s. ISBN 978-80-89171-60-6
14. FARGAŠOVÁ, A. 2008. Enviromentálna toxikológia a všeobecná ekotoxikológia, Bratislava : Orman , 2008, 188 s. ISBN 80-223-1887-6

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
33.33	33.33	22.22	0.0	11.11	0.0

**Name of lecturer(s):****Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V21S/22	<b>Course title:</b> Public Health - Epidemiology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> <b>Recommended study range:</b> <b>hours weekly:    hours per semester:</b> <b>Teaching method:</b> on-site	
<b>Credits:</b> 6	<b>Working load:</b> 150 hours
<b>Recommended semester/trimester:</b> 5., 6..	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: the student has successfully completed all prescribed study obligations of the bachelor's study program. The student's knowledge will be checked and evaluated according to standard criteria by the commission for state examinations. Credits will be awarded to a student who has obtained at least 60 out of 100%. Rating: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%- 0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: the student has knowledge of the core subject Public health – epidemiology, which he acquired during his three-year study.</li> <li>• Skills: the student can independently fulfill all the requirements placed on a public health worker in all areas of epidemiology.</li> <li>• Competences: passing the state exam is a confirmation that the student has mastered the requirements of the study program in the theoretical area of the subject Public Health – Epidemiology and can apply them in the performance of the profession.</li> </ul>	
<b>Course contents:</b> Measurement of the health status of the population (mortality, morbidity, incidence, prevalence, disability...). Variability, validity, random and systematic errors, distortions. Risk, screening, questionnaire. Observational epidemiological studies. Interventional epidemiological studies. Monitoring the health status of the population. Prevention. Epidemiology of cardiovascular diseases (CVD), preventive programs of CVD. Epidemiology of oncological diseases (OO), preventive programs of OO. Epidemiology of non-infectious diseases of the gastrointestinal tract and nutrition programs. Epidemiology of non-infectious diseases of the respiratory system, civilized diseases of the respiratory system. Epidemic process (the process of spreading the disease). Mechanism of transmission of disease-causing germs. Measures against the emergence and spread of infectious diseases. Degrees of intensity of the process of spreading the disease. Epidemiological distribution of inf. Disease. Intestinal infections (characteristics, transmission, epidemiological characteristics, principles of prevention). Respiratory tract infections (characteristics, transmission, epidemiological characteristics, principles of prevention). Bloodborne diseases (characteristics, transmission, epidemiological characteristics, vectors and their importance, principles of prevention). Diseases of the skin and superficial mucous membranes	

(characteristics, transmission, epidemiological characteristics, principles of prevention). Hospital infections. Programs of eradication and elimination of infectious diseases. Immunization program. Analytical epidemiological studies. Health and disease, indicators of disease - determinants of health.

**Recommended or required literature:**

1. BAKOSS A SPOL.: Epidemiológia. Bratislava 2011, vyd. Univerzita Komenského, 520 s., ISBN 978-80-2232-929-3
2. EGNEROVÁ, A. a kol. 2010. Epidemiológia základy a metódy. Bratislava : Slovenská zdravotnícka univerzita, 2010. 141s., ISBN 978-80-8935-267-8
3. GÖPFERTO VÁ, D. 2008 Praktická cvičení z epidemiologie, Praha : Karolinum, 2008. 117s., ISBN 978-80-2461-541-7
4. GÖPFERTO VÁ, D. 2001 Kontrolní otázky z epidemiologie, Praha : Triton, 2001. 95 s., ISBN 80-725-4155-2
5. KOLLÁROVÁ, H. 2011. Vybrané kapitoly z epidemiologie. Olomouc : Univerzita Palackého v Olomouci, 2011. ISBN 978-8024-427-,157
6. ŠULCOVÁ, M A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4

**Language of instruction:**

Slovak language

**Notes:**

**Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
44.44	33.33	0.0	0.0	22.22	0.0

**Name of lecturer(s):**

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V22S/22	<b>Course title:</b> Public Health - Hygiene
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> <b>Recommended study range:</b> <b>hours weekly: hours per semester:</b> <b>Teaching method:</b> on-site	
<b>Credits:</b> 6	<b>Working load:</b> 150 hours
<b>Recommended semester/trimester:</b> 5., 6..	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Conditions for passing the course: the student has successfully completed all prescribed study obligations of the bachelor's study program. The student's knowledge will be checked and evaluated according to standard criteria by the commission for state examinations. Credits will be awarded to a student who has obtained at least 60 out of 100%. Rating: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%- 0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: the student has knowledge of the core subject Public health - hygiene, which he acquired during his three-year study.</li> <li>• Skills: the student can independently fulfill all requirements placed on a public health worker in all areas of hygiene.</li> <li>• Competences: passing the state exam is a confirmation that the student has mastered the requirements of the study program in the theoretical area of the subject Public Health - Hygiene and can apply them in the performance of the profession.</li> </ul>	
<b>Course contents:</b> Course contents: Public health - definition, its scientific fields and their brief characteristics. What is hygiene? What is the field, what is it focused on, what does it deal with, what does it analyze, what does it determine, content, tasks and methods of work. Prevention – primary, secondary, tertiary. Definitions, characteristics, means of prevention, meaning. Determinants of health and their importance for individual and population health according to WHO - factors that affect health. Characterize the concept of environmental hygiene. Characterize the concept of nutrition hygiene. Characterize the concept of preventive occupational medicine. Characterize the concept of hygiene for children and youth. Air - characteristics, composition, physical properties of air (temperature, humidity, atmospheric pressure, air flow, radiation...) Air pollution and consequences for human health. Water - characteristics, meaning, water cycle, atmospheric - precipitation water, surface water, quality and composition of surface water, water pollution, self-purification of water, water supply, PHO). Division of water according to quality – wastewater, fresh, infectious, radioactive...). Water and health, health risks from water. Soil - characteristics, composition, properties and function of soil. Health hazard from soil, food chain. Hygienic issues of solid waste. State health supervision -	



characteristics, its components. State health supervision at the HŽP section. State health supervision in the PPL section. State health supervision in the HV section. Nutrition and its importance for human health, HCCP, energy and biological value of food; Importance of fats, carbohydrates and proteins in nutrition; Principles of proper eating; Program for improving the nutrition of the Slovak population. Nutrition of pregnant and lactating women; Nutrition of children; Nutrition of the elderly; Alternative nutrition. Microbiological risk from food and prevention (food infections, food poisoning). Foreign substances in food and contaminating substances; Ensuring the safety of food. Xenobiotics and their effects on health. Building and spatial layout of medical facilities, hygiene standards. Specific requirements for individual departments in an inpatient medical facility (water supply, waste, laundry, catering...). Specific requirements for ambulatory medical facilities, types, location, equipment, waiting rooms... Risk factors in medical facilities and health protection. Health protection and promotion of optimal development of children and youth; Development of children and youth and primary prevention (physical development of children and youth, speed of growth and development, calendar and biological age, endogenous and exogenous factors affecting growth and development), nutrition, morbidity. Hygienic requirements and standards for children's and school collective facilities (premises, general principles of care for children up to 6 years of age, pedagogical process, principles of teaching organization, pupils' work and rest regime. Hygienic aspects of practical teaching and protection of the health of adolescents at work, basic health indicators of children and youth, the role of the goals of the state health supervision. Working environment - characteristics, its impact on health, harmful factors. Categories of risky work - characteristics, definition of categories, type of risk - physical, chemical, biological. Occupational diseases - characteristics, definition of conditions of occurrence. Impact of noise and vibration on health. Physical risk factors of the work environment (except noise and vibration - microclimate, lighting, cold, heat). Ionizing radiation - characteristics, distribution, effects, acute and chronic symptoms, measurement, protection, prevention. Chemical factors of the work environment and their effect on health, basic species effect on human health, characteristics, protection, prevention. Biological exposure tests and their importance for health and work environment assessment. Biological risk factors in the work environment - characteristics, types, health damage, prevention, protection. Psychological work load (neuropsychic, psychosocial and sensory load in the work environment, burnout syndrome, excessive stress at work), prevention, protection. Assessment and evaluation of health fitness for work. Basic principles of health protection at work, technical prevention. Occupational health service - characteristics, composition of the team, job content.

**Recommended or required literature:**

1. ROVNÝ, I. a kol. 2004. Hygiena výživy. Bratislava : Herba , 2004, 217 s. ISBN 8089171168
2. KUDLOVÁ, E., a kol. 2009. Hygiena výživy a nutričná epidemiológia. Praha : Karolinum , 2009, 217 s. ISBN 8089171168
3. Jurkovičová, J. a kol. 2010. Praktické cvičenia z hygieny. Bratislava: UK, 2010. 331 s. ISBN9788022328166.
4. ŠULCOVÁ, M a kol. 2012. Verejné zdravotníctvo. Bratislava : Veda, 2012. 651 s., ISBN 978-80-224-1283-4
5. ROVNÝ, I. 2004. Hygiena životného prostredia. Bratislava : Herba , 2004, 136 s. ISBN 8089171222
6. ROVNÝ, I. a kol. 2004. Objektívizácia faktorov prostredia. . Bratislava : Herba , 2004, 250 s. ISBN 8089171184 4.
7. Zákon 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov
8. BUCHANCOVÁ, J. a kol. 2003. Pracovné lekárstvo a toxikológia. Martin : Osveta, 2003, 1132 s. - ISBN 80-806-31131
9. NOVÁKOVÁ, J., HAMADE , J. 2010. Aktuálne témy v oblasti hygieny detí a mládeže, ÚVZ SR, 2010, 56 s. ISBN 978-80-7159-185-6
10. ROVNÝ, I. a kol. 2009. Prevencia závislosti a fajčenia tabaku. ÚVZ SR Bratislava, 2007, 143 s. ISBN 978-80-7159-164-1
11. ROVNÝ, I. 2009. Verejné zdravotníctvo, Herba : Bratislava, 2009, 125 s. ISBN 978-80-89171-60-6
12. FARGAŠOVÁ, A. 2008. Enviromentálna toxikológia a všeobecná ekotoxikológia, Bratislava : Orman , 2008, 188 s. ISBN 80-223-1887-6

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 9

A	B	C	D	E	FX
55.56	33.33	0.0	0.0	11.11	0.0

**Name of lecturer(s):****Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1043W/22	<b>Course title:</b> Research in Healthcare
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 1 <b>hours per semester:</b> 24 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: written test. Credits will be awarded to a student who scored at least 60 out of 100% on the test. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course: <ul style="list-style-type: none"> <li>• Knowledge: the student defines basic terminology in research. Distinguishes qualitative and quantitative research methods. He controls the stages of research, knows how to define the problems and goals of research activity. He can distinguish between different types of publishing activity in the health sector.</li> <li>• Skills: the student actively works with literature, analyzes, synthesizes and compares the necessary information, correctly selects and applies research methods, assembles individual components of the most frequently used research methods such as questionnaires, surveys, interviews. Interprets numerical and verbal data obtained.</li> <li>• Competences: the student knows how to use knowledge and skills about research while working in public health, thereby contributing to the acquisition of new scientific information or contributing to its implementation in practice.</li> </ul>	
<b>Course contents:</b> Course contents: Research, basic terminology in research, research in healthcare. Ethics and research. Qualitative and quantitative research and its use in healthcare. Stages and phases of research. Working with literature, processing literature, critical and non-critical thinking. Evidence-based practice (EBP). Problem, goal, hypotheses in research, research sample and their peculiarities in the implementation of clinical research in healthcare. Choice of method in planning and conducting research. The most common research methods - questionnaire, survey and their application. The most common research methods - interview, observation and their application. Use of experimental method, case study and document analysis. Processing of research results. Oral, written and combined presentation of research results.	

**Recommended or required literature:**

1. HANÁČEK, J, JAVORKA, K. Vedecká príprava. Martin: Osveta, 2010. 220 s. ISBN 978-80-8063-328-8
2. HOVORKA, D. a kol. Ako písať a komunikovať. Martin: Osveta, 2011. 247 s. ISBN 978-80-8063-370-7
3. KEITH F. PUNCH. Základy kvantitatívneho šetření. Praha: Portál, 2008. 152 s. ISBN 978-80-7367-381-9
4. LAJČIAKOVÁ, P. Ako spracovať výskum. Ružomberok: Verbum, 2010. 180 s. ISBN 978-80-8084-537-7
5. MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. Akademická príručka. Martin: Osveta, 2005. 496 s.
6. SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005. 327 s. ISBN 80-551-0904-4
7. Smernica rektora KU č. 4/2011 o náležitostiach záverečných, rigorózných a habilitačných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní.
8. STAROŇOVÁ, K. Vedecké písanie. Martin: Osveta, 2011. 246 s. ISBN 978-80-8063-359-2

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
45.45	9.09	45.45	0.0	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1041W/22	<b>Course title:</b> Seminar to Final Thesis 1
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: written exam. Credits will be awarded to a student who scored at least 60 out of 100% on the test. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course : <ul style="list-style-type: none"> <li>• Knowledge: the student knows how to define what a final thesis is, he knows the basic differences between individual types of thesis. He knows the rules of working with literature, ethics and citation techniques. The student has basic knowledge about writing the theoretical as well as the practical part of the work, about the formal and content aspects of the work.</li> <li>• Skills: the student can compile a basic outline of the work. He knows how to work with bibliographic databases, search for literature focused on a certain topic, knows how to work with it. Can process the text into individual chapters of the theoretical part of the work. He can write an abstract and an introduction to a final thesis.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills when preparing a bachelor's thesis in such a way that it meets the requirements for this type of work.</li> </ul>	
<b>Course contents:</b> Final thesis, definition, rules for writing the final thesis, individual types of final and qualifying theses. Preparation of the final thesis, outline of the final thesis. Work with literature. Citation and list of bibliographic references. Standard STN ISO 690, general registration rules. Information sources in electronic form. Formal preparation of the final thesis. Main parts of the work, rules for compiling the theoretical and practical part of the work. The introductory part of the work. Abstract and content in the final thesis. List of abbreviations, images, tables in the final thesis. The technique of using abbreviations and illustrations in the main text of the thesis. The main textual part of the work. Introduction and theoretical part of the work. Methodology in the final thesis.	

**Recommended or required literature:**

1. HANÁČEK, J, JAVORKA, K. Vedecká príprava. Martin: Osveta, 2010. 220 s. ISBN 978-80-8063-328-8
2. HOVORKA, D. a kol. Ako písať a komunikovať. Martin: Osveta, 2011. 247 s. ISBN 978-80-8063-370-7
3. MALÍKOVÁ, K. a kol. 2008. Príprava a písanie záverečnej práce. (manuál). 2 vyd. Ružomberok : FZ KU, 2008. 63 s. ISBN 978-80-8084-279-6
4. MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. Akademická príručka. Martin: Osveta, 2005. 496 s.
5. SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005. 327 s. ISBN 80-551-0904-4
6. Smernica rektora KU č. 4/2011 o náležitostiach záverečných, rigorózných a habilitačných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní.
7. STAROŇOVÁ, K. Vedecké písanie. Martin: Osveta, 2011. 246 s. ISBN 978-80-8063-359-2
- ácu. Bratislava: Metodicko-pedagogické centrum, 2005. 28 p.
11. VYDRA, A. Akademické písanie. Trnava: Filozofická fakulta Trnavskej univerzity, 2010. 199 p.
12. ŽIAKOVÁ, K. et all. Ošetrovatel'stvo teória a vedecký výskum. Martin: Osveta, 2009. 323 p.

**Language of instruction:**

Slovak Language

**Notes:**

The subject is taught only in the summer semester and is evaluated only in the relevant examination period of the summer semester of the academic year.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	10.0	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.**Last modification:** 11.09.2022**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1054W/19	<b>Course title:</b> Seminar to Final Thesis 2
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: written exam. Credits will be awarded to a student who scored at least 60 out of 100% on the test. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course : <ul style="list-style-type: none"> <li>• Knowledge: the student knows how to define what a final thesis is, he knows the basic differences between individual types of thesis. He knows the rules of working with literature, ethics and citation techniques. The student has basic knowledge about writing the theoretical as well as the practical part of the work, about the formal and content aspects of the work.</li> <li>• Skills: the student can compile a basic outline of the work. He knows how to work with bibliographic databases, search for literature focused on a certain topic, knows how to work with it. Can process the text into individual chapters of the theoretical part of the work. He can write an abstract and an introduction to a final thesis.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills when preparing a bachelor's thesis in such a way that it meets the requirements for this type of work.</li> </ul>	
<b>Course contents:</b> Course contents: <ol style="list-style-type: none"> <li>1. Directive of the Rector of KU no. 2/2017 on the requisites of final, rigorous and habilitation theses, their bibliographic registration, control of originality, preservation and access - updated edition.</li> <li>2. Basics of creating self-designed questionnaires, including electronic form in Google forms, creation of a coding book, coding of the obtained data and their preparation for analysis, use of standardized questionnaires.</li> <li>3. Basics of creating a Case Study / case study, its analysis and methods of interpretation.</li> <li>4. Basics of observation and experiment, creation of documentation and possibilities of their processing and interpretation.</li> </ol>	

5. Basics of analysis of obtained data using deductive statistics using MS Excel and interpretation options.
6. Basics of analysis of obtained data using inductive statistics using IBM SPSS Statistics and the possibility of their interpretation.
7. Creation of tables and graphs using MS Word and MS Excel.
8. Creation of presentations of obtained data within MS PowerPoint.

**Recommended or required literature:**

Smernica rektora KU č. 2/2017 o náležitostiach záverečných, rigorózných a habilitačných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní

2. HANÁČEK, J. - JAVORKA, K. Vedecká príprava. Martin : Osveta, 2010. .
3. HOVORKA, D. et al. Ako písať a komunikovať. Martin : Osveta, 2011.
4. KATUŠČÁK, D. Ako písať vysokoškolské a kvalifikačné práce. Nitra : Enigma, 2009.
5. MALÍKOVÁ, K. et al. Príprava a písanie záverečnej práce. Ružomberok : FZ KU, 2008.
6. MEŠKO, D. - KATUŠČÁK, D. - FINDRA, J. et al. Akademická príručka. Martin : Osveta, 2005.
7. STAROŇOVÁ, K. Vedecké písanie. Martin : Osveta, 2011.
8. TUREK, I. Ako písať záverečnú prácu. Bratislava : Metodicko-pedagogické centrum, 2005.
9. VYDRA, A. Akademické písanie. Trnava : Filozofická fakulta Trnavskej univerzity, 2010.
10. ŽIAKOVÁ, K. et al. Ošetrovatel'stvo teória a vedecký výskum. Martin: Osveta, 2009.

**Language of instruction:**

Slovak

**Notes:**

.

**Course evaluation:**

Assessed students in total: 8

A	B	C	D	E	FX
62.5	37.5	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1060W/19	<b>Course title:</b> Seminar to Final Thesis 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 <b>hours per semester:</b> 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 1	<b>Working load:</b> 25 hours
<b>Recommended semester/trimester:</b> 6.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: active participation in exercises and presentation of assigned work b) final assessment: written exam. Credits will be awarded to a student who scored at least 60 out of 100% on the test. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Objective of the course : <ul style="list-style-type: none"> <li>• Knowledge: the student knows how to define what a final thesis is, he knows the basic differences between individual types of thesis. He knows the rules of working with literature, ethics and citation techniques. The student has basic knowledge about writing the theoretical as well as the practical part of the work, about the formal and content aspects of the work.</li> <li>• Skills: the student can compile a basic outline of the work. He knows how to work with bibliographic databases, search for literature focused on a certain topic, knows how to work with it. Can process the text into individual chapters of the theoretical part of the work. He can write an abstract and an introduction to a final thesis.</li> <li>• Competences: the student knows how to use the acquired knowledge and skills when preparing a bachelor's thesis in such a way that it meets the requirements for this type of work.</li> </ul>	
<b>Course contents:</b> 1. Rector's Directive KU no. 2/2017 on the requisites of final, rigorous and habilitation theses, their bibliographic registration, control of originality, preservation and access - updated edition. 2. Basics of creating self-designed questionnaires, including electronic form in Google forms, creation of a coding book, coding of the obtained data and their preparation for analysis, use of standardized questionnaires. 3. Basics of creating a Case Study / case study, its analysis and methods of interpretation. 4. Basics of observation and experiment, creation of documentation and possibilities of their processing and interpretation. 5. Basics of analysis of obtained data using deductive statistics using MS Excel and interpretation possibilities. 6. Basics of analysis of obtained data using inductive statistics using IBM SPSS Statistics and the possibility of their interpretation. 7. Creation of tables and graphs using MS Word and MS Excel. 8. Creation of presentations of obtained data within MS PowerPoint.	

**Recommended or required literature:**

Smernica rektora KU č. 2/2017 o náležitostiach záverečných, rigorózných a habilitačných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní 2. HANÁČEK, J. - JAVORKA, K. Vedecká príprava. Martin : Osveta, 2010. . 3. HOVORKA, D. et al. Ako písať a komunikovať. Martin : Osveta, 2011. 4. KATUŠČÁK, D. Ako písať vysokoškolské a kvalifikačné práce. Nitra : Enigma, 2009. 5. MALÍKOVÁ, K. et al. Príprava a písanie záverečnej práce. Ružomberok : FZ KU, 2008. 6. MEŠKO, D. - KATUŠČÁK, D. - FINDRA, J. et al. Akademická príručka. Martin : Osveta, 2005. 7. STAROŇOVÁ, K. Vedecké písanie. Martin : Osveta, 2011. 8. TUREK, I. Ako písať záverečnú prácu. Bratislava : Metodicko-pedagogické centrum, 2005. 9. VYDRA, A. Akademické písanie. Trnava : Filozofická fakulta Trnavskej univerzity, 2010. 10. ŽIAKOVÁ, K. et al. Ošetrovateľstvo teória a vedecký výskum. Martin: Osveta, 2009.

**Language of instruction:**

Slovak

**Notes:**

.

**Course evaluation:**

Assessed students in total: 7

A	B	C	D	E	FX
71.43	14.29	14.29	0.0	0.0	0.0

**Name of lecturer(s):** doc. RNDr. Soňa Hlinková, PhD.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok					
<b>Faculty:</b> Faculty of Health					
<b>Course code:</b> KVEZ/54Z2007W/23		<b>Course title:</b> Slovak Language 1			
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site					
<b>Credits:</b> 1		<b>Working load:</b> 25 hours			
<b>Recommended semester/trimester:</b> 1., 3., 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Requirements for passing the course:</b>					
<b>Learning outcomes of the course:</b>					
<b>Course contents:</b>					
<b>Recommended or required literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:</b>					
<b>Course evaluation:</b> Assessed students in total: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Name of lecturer(s):</b> Mgr. Lucia Kravčáková					
<b>Last modification:</b>					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok					
<b>Faculty:</b> Faculty of Health					
<b>Course code:</b> KVEZ/54Z2008W/23		<b>Course title:</b> Slovak Language 2			
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 1 / 1 <b>hours per semester:</b> 12 / 12 <b>Teaching method:</b> on-site					
<b>Credits:</b> 1		<b>Working load:</b> 25 hours			
<b>Recommended semester/trimester:</b> 2., 4., 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Requirements for passing the course:</b>					
<b>Learning outcomes of the course:</b>					
<b>Course contents:</b>					
<b>Recommended or required literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:</b>					
<b>Course evaluation:</b> Assessed students in total: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Name of lecturer(s):</b> Mgr. Lucia Kravčáková					
<b>Last modification:</b>					
<b>Supervisor(s):</b> Person responsible for the delivery, development and quality of the study programme: doc. RNDr. Soňa Hlinková, PhD.					

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1055W/22	<b>Course title:</b> Social Determinants of Health
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) active participation of the student in classes b) final assessment: written exam - electronic test (60-100%). Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning Outcomes <ul style="list-style-type: none"> <li>• Knowledge: The student acquired basic knowledge about health and disease, primarily in the social context, population health and determinants of health, and social tools for protecting and strengthening the potential of health and prolonging human life through the organized efforts of society.</li> <li>• Skills: The student can create basic health protection plans considering the factors affecting the health of both the individual and the entire society.</li> <li>• Competencies: The student is able to analyze social problems and transform them into a healing process. Analyzes and evaluates the health status of the population, community, and family.</li> </ul>	
<b>Course contents:</b> Health, state of health, healthy way of life. Genetics and congenital diseases. Health care system. The environment and its impact on human health. The influence of education on human health - health awareness. Unhealthy behavior and its impact.	

**Recommended or required literature:**

1. FRANZENOVÁ, I. 2014. Sociológia výchovy, Verbum, KU Ružomberok, 2014, 111 s. ISBN 978-80-561-0121-6
2. LABUDOVÁ, J. 2012. Teória zdravia a podpora zdravia, UK Bratislava, 2012, 177 s. ISBN 978-80-223-3264-4
3. LIBA, J. 2016. Výchova k zdraviu v školskej edukácii. Prešov : Prešovská univerzita, PF, 2016, 243 s. ISBN 78-80-555-1612-7.
4. ŠULCOVÁ, M., ČIŽNÁR, I., FABIÁNOVÁ, E. A KOL. 2012. Verejné zdravotníctvo. Bratislava : Veda , 2012, 651 s., ISBN 9788022412834
5. OZOROVSKÝ, V. A KOL 2011. Sociálne lekárstvo Bratislava : Asklepios, 2011. ISBN 978-7167-158-9
6. PAĽA, G. a kol. 2014. Vízie a perspektívy kvality života, Prešovská univerzita, Prešov, 2014, 257 s. ISBN 978-80-555-1147-4
7. SALOŇ, Ľ. 2021. Kvalita života a životný štýl rodiny v kontexte migrácie jej živateľov za prácou, Verbum, Ružomberok, 2021, 153 s. ISBN 978-80-561-0875-8

**Language of instruction:**

Slovak Language

**Notes:**

.

**Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
90.0	0.0	0.0	10.0	0.0	0.0

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, MUDr. Mgr. Ján Hruška, PhD., MPH, MHA**Last modification:** 11.09.2022**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1057W/22	<b>Course title:</b> State Health Control
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 4	<b>Working load:</b> 100 hours
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> Final evaluation: oral exam (0-100 points). In the final oral exam, the student can get a maximum of 100 points - he answers 3 questions from three topics - general health legislation, competencies of a health worker and a case study. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• <b>Knowledge:</b> The student will acquire knowledge about health promotion in collaboration with the National Health Promotion Program. Acquisition of theoretical and practical knowledge in the organization and performance of the State Health Surveillance with the aim of supporting and protecting the health of the population. The student will strengthen his competence in the field of applied legislation and state supervision in relation to the protection of public health</li> <li>• <b>Skills:</b> The student will learn to use knowledge, methods and control and, based on them, will be able to shape and increase the health awareness of the population, and apply them in order to improve the health of the population</li> <li>• <b>Competences:</b> After completing the studies, he will acquire the competence to perform control activities within the public health sector in the areas of hygiene and epidemiology.</li> </ul>	
<b>Course contents:</b> The purpose, meaning and principles of State health supervision (SHS). Basic definitions of state health supervision. Legal validity of state health supervision, decision-making activity and related legislation. Documentation in public health. Evidence based public health, evaluation, evaluation scheme. Records from the performance of state health supervision. SHS in environmental hygiene. SHS in the hygiene of children and youth. SHS in nutrition hygiene. SHS in epidemiology. SHS in preventive occupational medicine. SHS in the protection of health against radiation. Equipment operating procedures.	

**Recommended or required literature:**

1. ROVNÝ, I. A KOL. 2011. Vybrané kapitoly verejného zdravotníctva III. Štátny zdravotný dozor a dokumentácia vo verejnom zdravotníctve , VŠZaSP Bratislava 2011, 344 s. ISBN 978-80-8132-011-8.
2. ROVNÝ A KOL. 2013. Vybrané kapitoly verejného zdravotníctva II. Modelové situácie a ich riešenia vo verejnom zdravotníctve; štátny zdravotný dozor a dokumentácia vo verejnom zdravotníctve , VŠZaSP Bratislava 2013, 895 s. ISBN 978-80-89057-44-3.
3. ROVNÝ, I. 2010. Verejné zdravotníctvo včera, dnes a zajtra, Úrad verejného zdravotníctva SR, Bratislava, 2010, 144 s.
4. ROVNÝ A KOL. 2011. Vybrané kapitoly z verejného zdravotníctva I., Pro, Banská Bystrica, 2011, 591 s.
5. ŠEVČÍKOVÁ, Ľ. A KOL. 2006. HYGIENA. Polygrafické stredisko UK v Bratislave, Bratislava, 2006

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 10

A	B	C	D	E	FX
50.0	10.0	30.0	0.0	10.0	0.0

**Name of lecturer(s):** MUDr. Martin Kapasný, PhD., MPH, doc. MUDr. Ivan Solovič, CSc.

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.



## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/54Z2003W/23	<b>Course title:</b> The Basic Theme of the Bible
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) active participation of the student in classes b) final assessment: written exam - electronic test (60-100%). The final assessment of the subject corresponds to the verbal assessment: Passed/Not passed. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student knows the basic literary-historical character of the Bible and can reproduce the basic elements of the message of individual books.</li> <li>• Skills: The student is able to read a biblical text with understanding and, on that basis, engage in religious discourse.</li> <li>• Competences: The student combines individual biblical ideas and, based on them, can understand the basic thought vectors of Western culture.</li> </ul>	
<b>Course contents:</b> The Bible - its literary character, basic content lines. The text of the Bible in its genetic and communicative character; hermeneutic starting points. Geographical and historical-cultural context of the Bible. The message of the Old Testament books, literary, historical-theological hermeneutic prerequisites for reading their text with understanding. The person of Jesus Christ as the center of the books of the New Testament. The message of the New Testament books; literary and historical-theological hermeneutic prerequisites for reading their text with understanding.	

**Recommended or required literature:**

1. BIBLIA: Starý a Nový zákon. 2016. Trnava: Spolok Sv. Vojtecha, 2016, 3359 s. ISBN 978-80-8161-220-6.
2. HERIBAN, J. 2020. Sväté písmo: Nový zákon / úvod k jednotlivým spisom a poznámky. Trnava: Spolok Sv. Vojtecha, 2020, 776 s. ISBN 978-80-8161-435-4.
3. LENOX, J. C. 2021. Sedem dní, ktoré rozdeľujú svet: vznik vesmíru podľa Genezis a modernej vedy. Bratislava: Postoj Media, 2021, 215 s. ISBN 978-80-89994-34-2.
4. MACKERLE, A. 2014. Než budete čítať Bibliu podruhé: vybraná témata o Biblii. České Budějovice: Jihočeská univerzita v Českých Budějovicích, 2014, 232 s. ISBN 978-80-7394-450-6.
5. TRSTENSKÝ, F. 2019. Rozprávaj mi o Biblii. Ružomberok: Verbum, 2019, 88 s. ISBN 978-80-8970-138-4.
6. TRSTENSKÝ, F. 2020. Štyri evanjeliá, jeden Kristus. Kežmarok: GG Kežmarok, 2020, 103 s. ISBN 978-80-89701-45-2.

**Language of instruction:**

Slovak Language

**Notes:****Course evaluation:**

Assessed students in total: 47

ABSOL	NEABS
100.0	0.0

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, PaedDr. Martin Pinkoš**Last modification:** 06.06.2023**Supervisor(s):**Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/54Z2002W/23	<b>Course title:</b> The Basic Theme of the Theology
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture <b>Recommended study range:</b> <b>hours weekly:</b> 2 <b>hours per semester:</b> 24 <b>Teaching method:</b> on-site	
<b>Credits:</b> 2	<b>Working load:</b> 50 hours
<b>Recommended semester/trimester:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) active participation of the student in classes b) final assessment: written exam - electronic test (60-100%). The final assessment of the subject corresponds to the verbal assessment: Passed/Not passed. Credits will be awarded to a student who obtained at least 60 out of 100% from the subject for fulfilling the specified conditions.	
<b>Learning outcomes of the course:</b> <ul style="list-style-type: none"> <li>• Knowledge: The student will acquire basic knowledge about the religious phenomenon and will know the basic attributes of Christianity in the context of other religions.</li> <li>• Skills: The student can distinguish the specifics of Christian identity and apply them in cultural, ecumenical and interreligious dialogue.</li> <li>• Competences: The student can independently reflect on the essential features and truths of Christianity and communicate them.</li> </ul>	
<b>Course contents:</b> The importance of religion in the life of an individual - a person is capable of faith. Religion and the meaning of life, the role of religion in shaping critical thinking. Christianity in the context of other religions (interreligious dialogue). Christianity, its origin and the person of the founder. Basic truths of Christianity and the Catholic faith (ecumenical dialogue). Jesus Christ, the only Savior of mankind.	

**Recommended or required literature:**

1. Katechizmus Katolíckej cirkvi. 2007. Trnava: Spolok sv. Vojtecha, 2007, 918 s. ISBN 978-80-7162-657-2.
2. EGGER, P. 2020. Svetové náboženstvá z kresťanského pohľadu. Nitra: Gorazd, 2020, 143 s. ISBN 978-80-89481-54-5.
3. FUNDA, O.A. 2017. K filozofii náboženstvá. Praha: Karolinum, 2017, 103 s. ISBN 978-80-246-3748-8.
4. HRABOVECKÝ, P. 2020. Základy fundamentálnej teológie a religionistiky. Ružomberok: Verbum, 2020, 151 s. ISBN 978-80-561-0760-7.
5. SARKA, R. 2010. Teológia náboženstiev kontexte minulosti a súčasnosti. Ružomberok: Verbum 2010, 180 s. ISBN 978-80-8084-578-0.
6. WALDENFELS H. 1999. Fenomén kresťanství. Kresťanská univerzalita v pluralite náboženstvá. Praha: Vyšehrad, 1999, 144 s. ISBN 80-7021-329-9.
7. RATZINGER, J. 2007. Úvod do kresťanstva. Trnava: Dobrá Kniha, 2007, 305 s. ISBN 978-80-7141-562-6.

**Language of instruction:**

Slovak language

**Notes:****Course evaluation:**

Assessed students in total: 48

ABSOL	NEABS
100.0	0.0

**Name of lecturer(s):** doc. PhDr. Mgr. Vladimír Littva, PhD., MPH, PaedDr. Martin Pinkoš**Last modification:** 06.06.2023**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:

doc. RNDr. Soňa Hlinková, PhD.

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KVEZ/44V1034W/22	<b>Course title:</b> Toxicology and Investigation Methods
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 1 <b>hours per semester:</b> 24 / 12 <b>Teaching method:</b> on-site	
<b>Credits:</b> 3	<b>Working load:</b> 75 hours
<b>Recommended semester/trimester:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Requirements for passing the course:</b> a) during the semester: preparation of the semester work, its evaluation constitutes 10% of the final evaluation. b) final assessment: oral exam. Credits will be awarded to a student who has obtained at least 60 out of 100%. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%-0%.	
<b>Learning outcomes of the course:</b> Learning outcomes: <ul style="list-style-type: none"> <li>• <b>Knowledge:</b> The student will acquire basic theoretical knowledge about toxicology, about toxic substances, toxins, about the ways and mechanism of entry of substances into the body, about the absorption of poisons and their metabolism, distribution in the body, about clinical manifestations of intoxication by individual toxic factors. Knows the symptoms of intoxication with narcotic and psychotropic substances, organic and inorganic substances, the possibilities of elimination in pre-hospital emergency care and in hospital care, and the possibilities of health protection against intoxication.</li> <li>• <b>Skills:</b> can recognize intoxications according to the clinical manifestations of intoxication. Can take measures to protect health from the risk of exposure to toxic factors and correctly use elimination options in case of intoxication.</li> <li>• <b>Competences:</b> the student knows how to use the acquired knowledge and skills in toxicology in the implementation of state health supervision, as well as in other activities resulting from the tasks of public health.</li> </ul>	
<b>Course contents:</b> Course contents: Basic concepts in toxicology, Toxicological disciplines and their connection with medical fields. The term toxic substance. Latent dose. Exposure. General toxicology. Ways and mechanisms of entry of poisons into the body, entry gates. Absorption of poisons and their metabolism. Distribution and kinetics of toxic substances in the body and possibilities of elimination of toxic substances from the body. Acute, chronic toxicity and late effects of chemical substances and mixtures. Toxic properties of selected inorganic substances and organic substances. Toxicology of pesticides, warfare agents. Radioactive substances. Vitamins. Toxicology of narcotic and	

psychotropic substances, the most commonly used drugs. Toxicology of animal toxins. Toxicology of plant toxins. Toxicology and drug addiction. Regulatory toxicology. Classification of chemical substances and mixtures according to toxicity..

**Recommended or required literature:**

1. ŠEVELA K., ŠEVČÍK, P. a kol. 2011. Akutní intoxikace a léková poškození v intenzivní medicíně, Praha, Grada, 2011, 328 s. ISBN 978-80-247-3146-9
2. FARGAŠOVÁ, A. 2008. Enviromentálna toxikológia a všeobecná ekotoxikológia, Bratislava : Orman , 2008, 188 s. ISBN 80-223-1887-6
3. LINHART, I. 2012. Toxikologie, Praha : VŠCHT, 2012, 375 s. ISBN 978-80-7080-806-1
4. PLAČKOVÁ, S. a kol. 2012. Intoxikácie hubami, rastlinami a živočíšnymi toxínmi, Bratislava : Herba, 2012, 176 s. ISBN 978-80-89631-10-0
5. PELCLOVÁ, D. a kol. 2009. Nejčastější otravy a jejich terapie. Praha : Galén, 2009, 163 s. ISBN 978-80-7262-603-8

**Language of instruction:**

Slovak language

**Notes:**

The subject is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

**Course evaluation:**

Assessed students in total: 11

A	B	C	D	E	FX
90.91	9.09	0.0	0.0	0.0	0.0

**Name of lecturer(s):** doc. MUDr. Eleonóra Fabiánová, PhD., MPH

**Last modification:** 11.09.2022

**Supervisor(s):**

Person responsible for the delivery, development and quality of the study programme:  
doc. RNDr. Soňa Hlinková, PhD.