

CATHOLIC UNIVERSITY IN RUŽOMBEROK
FACULTY OF HEALTH

2019/2020
Subjects offered in foreign language*

*The Catholic University reserves the right to revise, change or cancel subjects
whenever considered necessary or desirable.

Contents

Department of Nursing3
Department of Emergency Healthcare9
Department of Radiological Technology22
Department of Physiotherapy24
Department of Public Health28

Department of Nursing

COURSE TITLE: Biochemistry	
COURSE CODE: 54O1002W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS: Students will acquire the basic knowledge about biochemistry and biochemical process of the disease.	
THEME OUTLINE: 1. Characteristic of subject. 2. Biological membranes. 3. Characteristics and metabolism of carbohydrates, lipids. Cholesterol. 4. Biological oxidation, creation of the energy, endergonic and exergonic reactions. 5. Proteins. 6. Hormones. 7. Hemoglobin, bilirubin, porphyrins. 8. Vitamins. 9. Enzymology. 10. Tumoural markers. 11. Sampling of biological materials. 12. Methods in clinical Biochemistry.	

COURSE TITLE: Clinical seminars 2	
COURSE CODE: 54O1025W	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS: Students will acquire the skills to practice Nursery in accordance with the Health Ministry Decree MZ SR 364/2005 Z. z.	
THEME OUTLINE: 1. Medicines, injections, infusions, cytostatic, venous and epidural suction secretions. 2. Examination of sight, hearing. 3. Endoscopic examination methods. 4. Transfusion. Parenteral nutrition. 5. Biological material. 6. The nurse and doctors' wards. 7. Puncture. 8. Surgery, wound drains, stoma. 9. Nurse care for the dying person, and the dead body. 10. ECG, defibrillation, intubation, ... 11. Nursing models and their application. 12. Excursion - Centre for Infectious Diseases.	

COURSE TITLE: Clinical seminars 4	
COURSE CODE: 54O1048W	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS: Students will acquire the skills to practice Nursery in accordance with The Health Ministry Decree MZ SR 364/2005 Z.z.	

THEME OUTLINE:

1. Individualized care in selected clinical workplaces. 2. The providing of individual nurse care in outpatient health care. 3. Implementation of the prescribed nursing techniques - an acute state 4. The implementation of the prescribed nursing techniques - chronic diseases. 5. The records of health care in the patients' documentation. 6. Education of patients, relatives. 7. Application of the various conceptual models. 8. Practice in health education. 9. Communication. 10. Standards. 11. Audit. 12. The educational process and educational plans.

COURSE TITLE: Continuous Professional Training 1**COURSE CODE:** 54O1010W**NUMBER OF CREDITS:** 3**STUDY LEVEL:** BA**SEMESTER:** 1st**EXPECTED RESULTS:**

The aim of the course is to master the nursing techniques in the natural conditions. Acquire the skills to provide care methods in nursing process.

THEME OUTLINE:

1. Practical mastering of the nursing techniques in natural clinical conditions. 2. Bandage technique. 3. Sterilization and disinfection of the tools. 4. Patient care at the bedside. Personal hygiene of the patient. 5. Serving the food to the patients. Rehabilitation. Measurement of physiological function.

COURSE TITLE: Continuous Professional Training 3**COURSE CODE:****NUMBER OF CREDITS:** 3**STUDY LEVEL:** BA**SEMESTER:** 3rd**EXPECTED RESULTS:**

Gain effectively the nursing techniques in natural conditions.

THEME OUTLINE:

1. Nursing techniques in various workplaces. 2. Nursing techniques in outpatients department. 3. Nursing techniques in homecare. 4. Nursing process in ADOS (Agency of homecare). 5. Assessment of needs according to NANDA II.

COURSE TITLE: Continuous Professional Training 5	
COURSE CODE: 54O1053W	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 5 th
EXPECTED RESULTS: Providing the nursing care in health facilities and outpatients department.	
THEME OUTLINE: 1. Implementation of the prescribed nursing techniques by patients in acute state and patients with chronic illness. 2. Records about health conditions 3. The implementation of education of patients and their relatives. 4. Process of education and educational plans.	

COURSE TITLE: English Language 1	
COURSE CODE: 54O1001Y	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 1 st
EXPECTED RESULTS: The goal is to encourage students to work independently with foreign language texts.	
THEME OUTLINE: 1. Present Simple, Present Continuous. 2. Admission. Job interview. 3. The hospital team. 4. The nursing profession. Profile of a student nurse. 5. Nursing in the UK. Prepositions of place and movement. 6. Giving instructions via e-mail. 7. Hospital departments. 8. On the ward. 9. Reading: Wheelchairs. A patient record form. Admitting a patient. 10. Florence Nightingale. 11. Pain. 12. Past Simple versus Past Continuous.	

COURSE TITLE: English Language 3	
COURSE CODE: 54O1003Y	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 3 rd
EXPECTED RESULTS: Students are taught how to work with foreign language text, how to make good translation and how to improve communication skills.	
THEME OUTLINE: 1. Caring for the elderly. 2. Researching symptoms. 3. Alzheimer's disease. 4. A care home. Assessing a patient. 5. Old age and the brain. 6. Transfer to a care home. 7. Letter of introduction to a care home. 8. Nutrition and obesity. 9. Vitamins and minerals. 10. Food intake. 11. Diabetes. 12. Language spot: should/shouldn't.	

COURSE TITLE: Gerontological Nursing	
COURSE CODE: 54O1046W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students define the specifics of care for geriatric patients, geriatric syndromes, peculiarities of diseases in old age.	
THEME OUTLINE: 1. Terminology in gerontological nursing. 2. History. 3. Prevention. 4. Management. 5. Community care. 6. Social care. 7. Education. 8. Needs. 9. Geriatric syndromes. 10. Care for older people with diseases of the cardiovascular, respiratory, digestive system, kidney and urinary tract. 11. Care for older people with neurological, psychiatric, metabolic endocrine, infectious disease. 12. Care for older people with musculoskeletal diseases, illness of skin, sensory organs, cancer, end-stage of disease.	

COURSE TITLE: Law and Legislation	
COURSE CODE: 54O1050W	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: To understand the basic principles of law, social and health legislation, aspects of law.	
THEME OUTLINE: 1. Basic terminology of law. 2. Human rights. 3. Labor law. 4. Law in health care. 5. Patients' rights, documentation. 6. Health protection and security in work. 7. Administrative proceedings – aspects of law. 8. Case studies. 9. Health care law. 10. Rights and obligations of parents and children. 11. Basics of criminal law. 12. Curing patient without his consent.	

COURSE TITLE: Oncological Nursing	
COURSE CODE: 54O1049W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will adjust information gotten from another subjects into oncological nursing.	
THEME OUTLINE: 1. Characteristics of oncology and oncological nursing. 2. Chemotherapy, radiotherapy and nursing care. 3. Palliative care. 4. Psychological approach. 5. Oncological pain. 6. Peculiarities of treatment in oncology. 7. Particular treatment of older cancer patients. 8. Treatment of	

malignancy of the brain, head and neck, skin, breast. 9. Care of malignancy lung. 10. Nursing care in malignant tumours of the gastrointestinal tract. 11. Nursing care in malignant tumours of the urogenital tract. 12. Nursing care in leukemia.

COURSE TITLE: Professional Ethic	
COURSE CODE: 54O1051W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will analyse contemporary ethical issues in the context of nursing clinical practice and current legislation	
THEME OUTLINE: 1. Basic principles of medical ethics. 2. International documents. 3. Moral and ethical dilemmas in health care. 4. Mutilating intervention. 5. Extreme cases in clinical nursing practice. 6. Ethical aspects of psychiatric care 8. Ethical issues and reproductive health. 9. Assisted reproduction, moral and ethical dilemmas. 9. The moral status of the embryo. 10. Animation and fetal pain. 11. Treatment of newborns on the edge of viability. 12. Informed consent.	

COURSE TITLE: Psychiatric Nursing	
COURSE CODE: 54O1052W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will get information about specific nursing care for patients with mental disorders.	
THEME OUTLINE: 1. Specifics of care for patients with mental disorders. 2. Psychological approach to mentally ill patients. 3. Approach to the aggressive patient. 4. Nursing process for psychiatric patients. 5. Therapeutic communication in psychiatric nursing. 6. Role of nurses in the providing patient with psychotropic medications. 7. Electroconvulsive therapy. 8. Psychotherapy and psychoeducation of patient and family members. 9. Care of patients with schizophrenia. 10. The plan of nursing care for a patient with mental retardation. 11. Nursing care for patients with eating disorders, with affective disorder. 12. Organic mental disorders.	

COURSE TITLE: Basic theme of the Bible	
COURSE CODE: 52Z1002W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will get information about the biblical books, biblical language, and will create an overview of the essential elements of content of the Bible.	
THEME OUTLINE: 1. Historical and cultural background of Israel and the Old Testament. 2. Literary dimension of the Old Testament. 3. The image of God in the Old Testament. 4. Anthropology of the Old Testament books. 5. Dimensions of Old Testament ethics. 6. Old Testament's Psalms as prayers. 7. Historical and social background of the time of Jesus. 8. Establishment of the Gospels and their literary character. 9. Writings of the Apostle Paul. 10. Figurative language in the New Testament. 11. The New Testament ethics. 12. The new law on the last things.	

COURSE TITLE: Basic themes of Theology	
COURSE CODE: 52S1039W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The student has to obtain the basic look into the problems of the Christian religion; ability to enter the general socio-religious issues.	
THEME OUTLINE: 1. Is it possible nowadays to know God? A brief look into the possibility of theological learning. 2. Basic theological categories and their relationships. 3. Revelation, Magisterium, theology, people of God and theology, dogma. 4. Theological Anthropology. Basic concept. 5. Tension between science and religion. Mutual understanding and cooperation. 6. Basic Christological themes: incarnation as a significant category of Christianity. 7. Christ's Resurrection: historical and theological questions. 8. Sign, symbol - the sensitivity of today's man on the symbol and the ability to understand Sacrament and sacramentality. Theology of grace. Man - his evil and the possibility of exemption. 9. Direction of humanity - extinction or continuation of human existence? Basic eschatological questions. 10. Church. 11. Biblical character of Mary, mother of God. 12. Modern theological themes (ecology, human religiosity today ...)	

Department of Emergency Healthcare

COURSE TITLE: Anaesthesiology and Intensive Care	
COURSE CODE: 54R1039W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 2 nd
EXPECTED RESULTS: Student will gain basic knowledge about anaesthesiology in clinical practice, professional skills in resuscitation and intensive care.	
THEME OUTLINE: 1. Subjects definition, history. 2. Pharmacology of medicaments used in anaesthesiology and intensive care. 3. Local and total anaesthesia. 4. Aesthesia nurse and rescue worker – their role and tasks. 5. Principles in care about critically state of patient, diagnostics and invasive operations. 6. Respiratory system diseases, artificial pulmonary ventilation. 7. Circulating system diseases. 8. Sepsis, septic shock. 9. Liver and kidney diseases. 10. Specifics of anaesthesia and intensive care in paediatrics. 11. Trauma and polytrauma. 12. Neurointensive case, Nutrition of critically ill patients.	

COURSE TITLE: Biology	
COURSE CODE: 54R1004W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER: 1 st
EXPECTED RESULTS: The goal of the subject is to learn basic knowledge connected to general cytology, Cell physiology, molecular biology and general genetics.	
THEME OUTLINE: 1. Cell theory, chemical structure of cell. 2. Cell composition. Prokaryotic, eukaryotic cells. 3. Cytoplasm. Biological membrane. Cell wall. Basics of using microscope. 4. Membrane organelles. 5. Fibrillary organelles. Non-membrane organelles. 6. Intracellular communication. 7. Cell cycle. 8. Molecular biology. The chemical foundations of heredity: DNA, RNA, Genetic code. 9. Transcription, Translation. 10 Autosomal, Gonosome inheritance. 11. Gene interactions. 12. Mutagenesis. Quantitative and Population genetics.	

COURSE TITLE: Biochemistry	
COURSE CODE: 54R1003W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER: 2 nd
EXPECTED RESULTS: Students will acquire the basic knowledge about biochemistry and biochemical process of the disease. They will learn how to evaluate laboratory results.	

THEME OUTLINE:

1. Characteristics of subjects. Biological and toxicological features of elements and their. 2. Structure and functions of biological membrane, Transport of substances. 3. Characteristics and metabolism of carbohydrates 4. Characteristics and metabolism of lipids. 5. Biological oxidation, creation of the energy, endergonic and exergonic reactions. 6. Structure and functions of proteins. 7. Typology and functions of hormones. 8. Structure and function of haemoglobin, bilirubin, porphyrins. 9. Vitamins. 10. Enzymology. 11. Preanalytic phase 12. Modern diagnostic and analytical methods in clinical biochemistry.

COURSE TITLE: Clinical Practice 1**COURSE CODE:** 54R1016W**NUMBER OF CREDITS:** 3**STUDY LEVEL:** BA**SEMESTER:****EXPECTED RESULTS:**

Students will learn how to use nursing techniques. They will also learn how to implement knowledge into practical professional activity.

THEME OUTLINE:

1. Patient measurement and monitoring. 2. Patient hygiene. 3. Principles of disinfection, sterilization. 4. Oxygen therapy. Forms of medicaments and their application. 5. Injection application of medicaments, capillary blood sampling. 6. Blood sampling for medical examination, Laboratory blood test 7. Preparation of infusion, transfusion, Parenteral nutrition. 8. Enteral nutrition, Enteral nutrition, diets. 9. Wound treatment, bandage and fixative techniques. 10. Instruments and tools. Primary and secondary patient medical examination, Evaluation scales. 12. Respiratory system care. Immobilization and transport instruments. Defibrillator and its use.

COURSE TITLE: Clinical Practice 2**COURSE CODE:** 54R1029W**NUMBER OF CREDITS:** 3**STUDY LEVEL:** BA**SEMESTER:****EXPECTED RESULTS:**

Students will learn how to use nursing techniques. They will also learn how to implement knowledge into practical professional activity.

THEME OUTLINE:

1. Current state of life function by injured patients. 2. Anamnesis and patient examination 3. Principles of treatment and transport of patient. 4. Concrete intervention at Intensive Care Unit, at traumatology, at labour ward, at neurosurgery. 5. Needs connected to emergency healthcare.

COURSE TITLE: Clinical Propaedeutic	
COURSE CODE: 54R1015W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will learn how to examine patient and correctly identify preliminary diagnosis.	
THEME OUTLINE: 1. Terminology – health, well-being, disease. 2. Health conditions, health and healthy life style. Behaving during the illness.3. Vital functions and scoring systems. 4. Vital rates, Glasgow Coma Scale, trauma score. 5. Anamnesis – medical, nursing and rescue. 6. Physical examination. 7. Primary and secondary examination from head to the foot, indicative neurological examination. 8. Examination according to organ systems, general medical examination. 9. Body surface – skin, hair, nails. 10. Head – skull, face, eyes and sight, ears and hearing, nose, mouth, pharynx, neck. 11. Chest and lung. 12. Cardiovascular system	

COURSE TITLE: Continuous Professional Practice 1	
COURSE CODE: 54R1012W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will learn nursing techniques, hygiene care procedures, nutrition procedures, mobility techniques, ...	
THEME OUTLINE: 1. Practical skills in professional practice at different departments. 2. Medical documentation. 3. Wound treatment, bandage and fixative techniques. 4. Positioning, transport and supporting techniques. 5. Implementation of urethral catheter and care about permanent catheter 6. Hygienic care 7. Mobility and immobility. 8. Patient monitoring. 9. Assistance by medical operations. 10. Death body care.	

COURSE TITLE: Continuous Professional Practice 3	
COURSE CODE: 54R1033W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will implement emergency healthcare techniques; take care of patient, demonstrate techniques connected to medicaments application. They will present following legal standards in practice.	
THEME OUTLINE: 1. Practical implementation of nursing and rescue techniques. 2. Needs. 3. Cooperation with The rescue service operational center.4. Cooperation with other emergency services. 5. Team work and rescue team. 5. Equipment for rescue vehicles. 6. Cartography, topography, working with compass and GPS.	

COURSE TITLE: Continuous Professional Practice 4	
COURSE CODE: 54R1044W	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will implement emergency healthcare techniques, take care of patient, demonstrate techniques connected to medicaments application. Students will follow the instruction of professional departments/workplace.	
THEME OUTLINE: 1. Equipment for rescue vehicles. 2. Cartography, topography, working with compass and GPS. 3. Anamnesis data and patient examination. 4. State of vital functions by injured patients. 5. Principles for curing and transport of patients. 6. Emergency healthcare needs and sources of their implementation. 7. Cooperation with The rescue service operational center. 8. Cooperation with other emergency services. 9. Manipulation with biological bio.waste and dangerous waste. 10. Stop the bleeding, fracture treatment by using fixation splint. 11. Defibrillation. Gastric probe. 12. Spontaneous delivery of baby.	

COURSE TITLE: Continuous Professional Practice 5	
COURSE CODE: 54R1056W	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will gain the skills of identification correct patient diagnosis and following proper curing. The main goal is to learn how to work with real life situation.	
THEME OUTLINE: 1. Primary and secondary examination. 2. Curing and transport to the hospital, delivery patient to another healthcare professional. 3. Curing patient with several injuries. 3. – 12. Emergency health care for patient with polotrauma, fracture, bleeding, in shock, with spinal cord injury chest injury, abdomen injury, with spasm,	

COURSE TITLE: Disaster Medicine	
COURSE CODE: 54R1058W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will learn how to provide emergency healthcare in case of mass accidents.	
THEME OUTLINE: 1. Disease state identification in case of mass accidents. 2. Management position in disposal of mass accidents. 3. Definition of disaster medicine. 4 -6. Types of injuries and diseases by catastrophes. 7. First aid at the place of disaster. 8. Mass accidents typology. 9. International help. 10 - 12. The role of WHO in disaster medicine.	

COURSE TITLE: Emergency Medicine 1	
COURSE CODE: 54R1045W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will gain theoretical information needed to providing emergency health care.	
THEME OUTLINE: 1. Emergency Medicine in the system of healthcare. 2. Vital functions and their support – anatomy, physiology, blood, and oxygen transport. 3. Practical realisation of professional healthcare activities in emergency medicine and disaster medicine. 4. Dispatching, problem-focus communication. 6-12. Injury and non-injury accidents.	

COURSE TITLE: Emergency Medicine 2	
COURSE CODE: 54R1057W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will gain theoretical information needed to providing emergency health care.	
THEME OUTLINE: 1. Classification of the injured patient. 2. Principles of urgent basic and extended support for life functions. 3. Basic lifesaving practices and skills. 4. Cardiopulmonary-cerebral resuscitation. 4. Special procedures for injuries in new-borns, children and pregnant women. 5. Acute coronary syndrome and cardiac arrest. 6. Severe heart rhythm disorders. 7. Breathing disorders. 8. Stop breathing. 9. Disorders of consciousness. 10. Sudden stroke. 11. - 12. Case studies.	

COURSE TITLE: Emergency Healthcare (Paramedic science) 1	
COURSE CODE: 54R1023W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The main goal of the subject is to stimulate real life situations in emergency healthcare and to practice rescue interventions.	
THEME OUTLINE: 1. Organization of the departure of rescue team. 2. Transport and fixation facilities. 3. Patient examination. 4. Anamnesis. 5. Emergency Care Devices. 6. Initial and secondary examination of the affected person. 7. -12. Emergency health care for a patient with polytrauma, with fractures, with bleeding, with shock of unknown aetiology, and spinal cord injury, chest, abdominal, unconscious patient, craniocerebral trauma.	

COURSE TITLE: Emergency Healthcare (Paramedic science) 2	
COURSE CODE: 54R1035W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The main goal of the subject is to stimulate real life situations in emergency healthcare and to practice rescue interventions.	
THEME OUTLINE: 1. injured by electricity and lightning bolt, 2. with a disturbance of consciousness. 3. with stroke, 4. with chronic respiratory insufficiency, 5. with acute respiratory insufficiency, 6. with ischemic heart disease, 7. with diabetes, 8. with allergic reaction, 8. after drowning. 9. Childbirth out of the hospital (care for the baby and the new-born). 10. Cardiopulmonary resuscitation out of the hospital. 11. Patient care with acute psychosis. 12. Cardiopulmonary resuscitation.	

COURSE TITLE: Emergency Healthcare (Paramedic science) 3	
COURSE CODE: 54R1046W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will gain the practical skills in model situation stimulating real rescue intervention.	
THEME OUTLINE: 1. Section and treatment of patients with multiple injuries. 2 - 12. Emergency health care for a patient with polytrauma, with fractures, with bleeding, in shock of unknown aetiology, spinal injuries, chest injury, abdominal trauma, unconsciousness, craniocerebral injury, convulsions, intoxicated patient.	

COURSE TITLE: Emergency Healthcare (Paramedic science) 4	
COURSE CODE: 54R1059W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will gain the practical skills in model situation stimulating real rescue intervention.	
THEME OUTLINE: 1. Emergency healthcare for a patient with a cerebral vasoconstriction disorder. 2. Emergency healthcare for a patient with chronic respiratory insufficiency. 3. Emergency healthcare for a patient with acute respiratory insufficiency. 4. Emergency healthcare for a patient with ischemic heart disease. 5. Emergency healthcare for a patient with diabetes. 6. Emergency healthcare for a patient with an allergic reaction. 7. Emergency patient care after heating. 8. Childbirth out of the hospital (care for the baby and the new-born). 9. Cardiopulmonary resuscitation out of the hospital. 10. Patient care with acute psychosis. 11. Cardiopulmonary resuscitation.	

COURSE TITLE: English Language 1	
COURSE CODE: 54R1013Y	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS:	
The main goal of the subject is learn students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE:	
1. Presentation of subject English Language 1, vocabulary - anatomy. Grammar - Present Simple. Reading a scientific Text - Body of a Man. 2. Professional phraseology in human anatomy. Conversation about anatomy of the human body. 3. Vocabulary - Skeleton, bones, joints, Grammar - Present Continuous. 4. Professional phraseology and conversation. Grammar exercises. 5. Vocabulary - injuries. Grammar – Past Simple 6. Specific phraseology and conversation about injuries .Allergy. .Conversation with patient. 7. Vocabulary - medicines and treatment. Grammar - Past Continuous. 8. Expert phraseology and conversation within the topic: medicaments and urgent treatment. 9. Vocabulary - treatment and first aid. Grammar - Present Perfect. 10. Expert phraseology and conversation from the history and current of the first aid, the contents of the first aid kit and the rescue service vehicles. 11. Vocabulary - the danger to life. Grammar - Present Perfect Continuous. 12. Phraseology and conversation on the topic of danger, calming and saving the patient.	

COURSE TITLE: English Language 2	
COURSE CODE: 54R1025Y	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS:	
The main goal of the subject is learn students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE:	
1. Presentation of subject English Language 2, vocabulary – injuries, treatment. Grammar - Present Perfect Continuous x Past Continuous. Reading a scientific Text – The work of healthcare professional. 2. Professional phraseology about injuries and treatment. Conversation. 3. Vocabulary - Blood circulation and breathing. Grammar – Past Perfect. 4. Professional phraseology and conversation. Grammar exercises. 5. Vocabulary – types of injuries, bleeding. Grammar – Past Perfect Continuous 6. Specific phraseology and conversation about providing healthcare. 7. Vocabulary - Poisoning and biting. Grammar – Future Simple. 8. Expert phraseology and conversation within the topic: poisoning and injuries made by animals and human. 9. Vocabulary – appearance, tetters, blisters. Grammar – Future Continuous 10. Expert phraseology and conversation about the rescue vehicles and ambulance. 11. Vocabulary - vascular stroke. Grammar – Future Perfect and Future Perfect Continuous. 12. Phraseology and conversation with patient.	

COURSE TITLE: English Language 3	
COURSE CODE: 54R1037Y	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The main goal of the subject is learn students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Presentation of subject English Language 3, Symptoms and causes in relation to diseases. 2. Scientific phraseology about symptoms and their causes, which are the most common. 3. Heart attack- Symptoms and Causes. 4. Sudden Stroke - Symptoms and Causes. 5. Oncological Diseases - Symptoms and Causes. 6. Fractures, bruises, wrinkles and depression - symptoms and causes. 7. Breathing disorders - symptoms and causes. 8. Eating disorders and digestion - symptoms and causes. 9. Bleeding - Symptoms and Causes. 10. Fever, tremor, chills - symptoms and causes. 11. Poisoning - Symptoms and Treatment. 12. Motion sickness - symptoms and causes.	

COURSE TITLE: English Language 4	
COURSE CODE: 54R1049W	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The main goal of the subject is learn students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Presentation of subject English Language 4. Symptoms and causes in relation to diseases and solution of situations. 2. Scientific phraseology about symptoms and their causes and neurological diseases. 3. Excessive use of alcohol and other narcotics - symptoms and causes. 4. to 12. Conversation - solving situations in which one student plays the role of a patient with a diagnosis - he or she complains, communicates, begs ... and the other student plays a medical help. Situations are in the classroom under the supervision of the teacher and in the presence of other students who can join the discussion.	

COURSE TITLE: Gynaecology and Obstetrics	
COURSE CODE: 54R1040W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Get a thorough knowledge of gynaecology and obstetrics, know how to recognize urgent conditions in prenatal care, diagnose them correctly, suggest therapy, treatment, and provide urgent health	

and life support in urgent situations.

THEME OUTLINE:

1. Characteristics of the subject, interdisciplinary position. 2. Anatomy of female genitals. 3. Disorders of the development of female genital organs. Physiology of a woman. 4. Examination methods in gynaecology and obstetrics. 5. Sexual life of a woman and its disorder. Planned parenthood. 6. Menstrual cycle disorders. 7. Endometriosis. Tumours of female genitals and breasts. 8. Special cases in gynaecology. 9. Physiological pregnancy and childbirth. 10. Maternal impairment. Risk pregnancy. 11. Irregularity of 3rd Birth. 12. Sudden events in pregnancy, during childbirth and postpartum.

COURSE TITLE: Internal medicine

COURSE CODE: 54R1036W

NUMBER OF CREDITS: 4

STUDY LEVEL: BA

SEMESTER:

EXPECTED RESULTS:

Knowledge of the clinical picture (subjective and objective symptoms) of internal diseases, their diagnosis and treatment.

THEME OUTLINE:

1. Characteristics of the subject. 2. Main symptoms of internal diseases. 3. Correction of the circulation system. 4. Respiratory system disorders, tuberculosis. 5. Endocrine system diseases. 6. Diabetes mellitus. 7. Fundamentals of Nephrology. 8. Gastrointestinal disorders. 9. Fundamentals of haematology and transfusion. 10. Basics of Rheumatology and Immunology. 11. Acute states in internal medicine. 12. Physical causes of the disease.

COURSE TITLE: Law and Legislation

COURSE CODE: 54R1054W

NUMBER OF CREDITS: 1

STUDY LEVEL: BA

SEMESTER:

EXPECTED RESULTS:

Students will learn law and legislation connected to to work in the field of emergency healthcare.

THEME OUTLINE:

1. Basic legal concepts. 2. Labour law of healthcare workers. 3. Labour-law liability for damage. 4. Criminal liability for damage. 5. Legal aspects of health care. 6. The legal position of a health care professional. 7. Health standards, patients' rights and health documentation. 8. Protection and promotion of public health. 9. Safety and health at work. 10. Administrative procedure - legal aspects. 11. Case clinical trials. 12. Basic Human Rights and Freedoms.

COURSE TITLE: Paediatrics	
COURSE CODE: 54R1031W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The student will learn how to recognize childhood diseases, in different age groups. They will learn also about the therapeutic procedures.	
THEME OUTLINE: 1. Characteristics of subject, Historical Development, Interdisciplinary Position, Child Physiology. 2. Physiology and pathology of neonatal period. 3. Children's age, nutritional needs, nutritional disorders, digestive tract diseases. 4. Immune system disorders - allergy, autoimmunity, immunodeficiency. 5. Diseases of the circulatory system. 6. Diseases of the respiratory system. Infectious diseases of childhood. 8. Neurological diseases of childhood. 9. Diseases of the endocrine system. Diseases of the eyes and the skin.	

COURSE TITLE: Professional Ethics	
COURSE CODE: 54R1055W	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The student will gain knowledge about the latest approaches in the area of ethics and decision making in the area of patient care.	
THEME OUTLINE: 1. Basic Principles of Medical Ethics. 2. Code of Ethics and Medical Rescue Requirements. 3. International documents in the field of bioethics and health ethics. 4. Ethics and communication in emergency health care. 5. The process of obtaining informed consent. 6. Moral-ethical dilemmas in health at the beginning of life. 7. Ethics and First Aid. 8. Ethics and accidents with mass disability. 9. Ethics of transplants. 10. Ethics at the end of life - euthanasia, vaginal treatment, failure to provide treatment to the dying. 11. Patient's Rights. 12. Ethics and coercive means in health care.	

COURSE TITLE: First Aid	
COURSE CODE: 54R1021	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: Students will learn how to provide first aid.	
THEME OUTLINE: 1. Introduction to the subject, basic concepts of first aid. 2. Pre-emergency urgent care. 3. System, organization, legal aspects and general principles of first aid. 4. Organization, techniques and procedures of first aid in case of mass accidents and exceptional situations (material equipment and demonstration). 5. History, stages, and procedures for urgent cardiopulmonary resuscitation. 6. Emergency resuscitation algorithms in adults and children. 7. First Aid in Sudden Conditions and	

First Aid Training. 8. First aid in gynaecology and obstetrics. 9. Complications in resuscitation. 10. Ethical problems in resuscitation. 11. The most common types of poisoning and first aid in these cases.

COURSE TITLE: Selected Theological Topics 1	
COURSE CODE: 04Z2001W	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER:
EXPECTED RESULTS:	
The aim is to deepen the knowledge of students of general theology and to learn about the origins of Catholic anthropology.	
THEME OUTLINE:	
1. Clarification of basic concepts. Man in a state of illness and his relationship to God. 2. God's revelation, the Divine revelation, the Holy Bible. Revelation and disease. The place of illness in the life of the believer. 3. The response of man to God. How disease affects faith and how faith influences attitude to disease. 4. Creation - sickness - calling to perfection. 5. I believe in Jesus Christ, the one-begotten Son of God. Begotten of the Holy Spirit and born of Mary the Virgin, the Son of God became man. 6. The Mysteries of Christ's Life. 7. Ascension from the dead, Come to judge the living and the dead. 8. I believe in the Holy Spirit. We sanctify our lives in both health and illness. 9. Church, Church in God's Plan. 10. Community of saints. Community of believers and a ill person. 11. Mary, Mother of Christ, Mother of the Church. 12. Deletion of Sins	

COURSE TITLE: Selected Theological Topics 2	
COURSE CODE: 04Z2004W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS:	
The aim of the lectures is to deepen the knowledge of the students about general theology as well as the knowledge about the relationship of the sacramental life and the health of the Christian.	
THEME OUTLINE:	
1. Liturgy. 2. Easter Holidays in Christianity, Holy Trinity. 3 The sacramental celebration of Easter mystery, the celebration of the liturgy of the Church, the liturgical diversity and unity of mystery. 4 The sacrament of baptism. 5. The Sacrament of Holy confirmation. 6. The Sacraments of Healing 1, The Sacrament of penance and Reconciliation.. 7. The Sacrament of Healing 2,. 8. The Sacraments of Healing 2, The Sacrament of the anointing of the sick. 9. The Sacraments of the service of the community 1, the sanctification of the priesthood. 10. The Sacraments of community service 2, The Sacrament of marriage. 11. Other liturgical celebrations. 12. The Christian funeral, The Last Easter of the Christian.	

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COURSE TITLE: Selected Theological Topics 3	
COURSE CODE: 04Z2006W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The aim of lectures is to deepen knowledge of general theology students, to gain knowledge about human attitudes, human nature, values of life and health in the perception of religion.	
THEME OUTLINE: 1. The dignity of a human person. 2. Man - created in God's image. 3. Human freedom. Freedom and relation to health. 4. Morality of human actions, the morality of passion. 5. Conscience. 6. Facts - human and divine. 7. Sin - definition, division. Can our sin harm the health of our body? 8. Human being and community. Decision-making in the community. 9. Participation in social life. Social justice. Where is my place? 10. Selected Questions from Catholic Social Science. Who cares about us? Does God care about our health? 11. Moral Law. 12. Grace and justification. The need for forgiveness and grace.	

COURSE TITLE: Selected Theological Topics 4	
COURSE CODE: 04Z2009W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: The aim of the lectures is to deepen the knowledge of students about general theology. The student acquires knowledge about marriage and family from the point of view of Christianity, practical skills in assessing the attitudes of family members to family values and marriage in the context of the patient's and his / her family's relationship to health.	
THEME OUTLINE: 1. Presentation of the subject, basic notions. 2. Family as the basic cell of society. 3. Types of family. 4. Family dysfunction. 5. Definition of marriage. 6. Legal nature of marriage and its basic types. 7. Definition of marriage consent. Breaches of marital consent. 8. Marital Obstacles. 9. Canonical form of marriage. 10. Mixed marriages and the effects of marriage. 11. Ineligibility of marriage 12. Divorce and the sacraments	

COURSE TITLE: Surgery and Traumatology	
COURSE CODE: 54R1028W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER:
EXPECTED RESULTS: On the basis of theoretical knowledge, the student identifies illnesses and abnormal health	

injuries, analyses the symptoms and assesses the need for surgical treatment.

THEME OUTLINE:

1. Characteristics of the subject. 2. Asepsis of antiseptics in surgery. Anaesthesia. 3. Infections in surgery. 4. Head and spine surgery. Head and spinal injuries - surgical treatment. 5. Disease of the neck. Thyroid gland, parathyroid gland, surgical treatment. 6. Chest surgery. 7. Abdomen surgery. 8. Surgery of limbs. 9. Traumatology. 10. Orthopaedics. 11. Paediatric surgery - birth conditions, surgical treatment. 12. Sudden events and shock states in surgery. Rehabilitation in surgery.

Department of Radiological Technology

COURSE TITLE: Biophysics and radiology	
COURSE CODE: 54L1003W	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 1st
<p>EXPECTED RESULTS: Understanding the basic physical processes undergoing in the biological subject. Understanding the mechanism of action of the electromagnetic waves various spectra on the biological subject in term of the diagnostic and therapy.</p>	
<p>THEME OUTLINE: Basic physical processes in the biological subject the basics of thermodynamics Fundamentals of Atomic and Molecular Physics Optics and acoustics Biophysical properties of organs and tissues Fundamentals of ionizing radiation physics Overview of sources of ionizing radiation in medicine Dosimetry of the sources of ionizing radiation Biological effects of the ionizing radiation</p>	

COURSE TITLE: Radiobiology	
COURSE CODE: 54T1004W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER: 1st
<p>EXPECTED RESULTS: To understand the mechanism of the effect of ionizing radiation on a biological subject when applying medical irradiation.</p>	
<p>THEME OUTLINE: Fundamentals of Atomic and Molecular Physics Biological properties of organs and tissues Fundamentals of ionizing radiation physics Overview of sources of ionizing radiation in medicine Biological effects of the ionizing radiation Basic radiobiological mechanisms Classification of the ionizing radiation damage Fractionation of the radiation dose Hypoxy Clinical application of the radiobiology knowledge</p>	

COURSE TITLE: Radiation protection	
COURSE CODE: 54T1044W	NUMBER OF CREDITS: 5
STUDY LEVEL: BA	SEMESTER: 5st
<p>EXPECTED RESULTS: Understand the main principles of the work with sources of ionizing radiation. Understand the mechanism of the effect of ionizing radiation on a biological subject when applying medical irradiation.</p>	
<p>THEME OUTLINE: Fundamentals of ionizing radiation physics Overview of sources of ionizing radiation in medicine Quantities and units used in the dosimetry of ionizing radiation in medicine Quantities and units used to estimation of the risk of ionizing radiation in medicine Devices used for dosimetric measurements Optimization of the medical exposure and limits</p>	

Department of Physiotherapy

COURSE TITLE: Nursing	
COURSE CODE: 54F1010W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Communication	
COURSE CODE: 54F1020W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Clinical practice 1	
COURSE CODE: 54F1024W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Clinical practice 3	
COURSE CODE: 54F1051W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Continuous Professional Practice 5	
COURSE CODE: 54F1052W	NUMBER OF CREDITS:

STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Physiotherapeutic Diagnostics 1	
COURSE CODE: 54F1002W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Physiotherapeutic Diagnostics 2	
COURSE CODE: 54F1016W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Physiotherapeutic Diagnostics 3	
COURSE CODE: 54F1028W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Physiotherapeutic Diagnostics 4	
COURSE CODE: 54F1042W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Balneotherapy, Klimatotherapy, Hydrotherapy and Thermotherapy	
COURSE CODE: 54F1014W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Kinesiology and Pathokinesiology 1	
COURSE CODE: 54F1031W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Electrotherapy and phototherapy	
COURSE CODE: 54F1030W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Respiratory Physiotherapy	
COURSE CODE: 54F1038W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Methods of Kinesiotherapy 3	
COURSE CODE: 54F1029W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 3rd

EXPECTED RESULTS:
THEME OUTLINE:

COURSE TITLE: Methods of Kinesiotherapy 6	
COURSE CODE: 54F1056W	NUMBER OF CREDITS:
STUDY LEVEL: BA	SEMESTER: 6th
EXPECTED RESULTS:	
THEME OUTLINE:	

COURSE TITLE: Physiotherapy procedures in clinical disciplines 3	
COURSE CODE: 54F1057W	NUMBER OF CREDITS:
STUDY LEVEL:	SEMESTER: 5th
EXPECTED RESULTS:	
THEME OUTLINE:	

Department of Public Health

COURSE TITLE: Basic Themes of the Theology	
COURSE CODE: DEKZ/54Z1000W/15	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 2 nd
EXPECTED RESULTS:	
The student will learn the basics of Christian religion; the ability to generally enter socio-religious issues.	
THEME OUTLINE:	
<p>1. Clarification of basic terms, I believe - we believe, Man is capable to know God. The revelation of God, the giving of God's manifestation, the holy scripture. Believe, Confession of Faith. 2. I believe in God the Father, the Almighty, the Creator, and the earth, the Man, the Fall. 3. I believe in Jesus Christ, the only Son of God. Holy Spirit. Born of Mary the Virgin, the Son of God became man. The Mysteries of Christ's Life, Jesus and Israel, Crucifixion, Custody. Death. Ascension of the dead, Ascension, come to judge the living and the dead. 4. I believe in the Holy Spirit. 5. Church, Church in God's Plan. Church - God's people, the body of Christ, the temple of the Holy Spirit, the Church - one, holy, Catholic, and apostolic. Believers in Christ, Hierarchy, laymen and consecrated life, the Commonwealth of Saints. Mary, Mother of Christ, Mother of the Church. Forgiveness of Sins, Resurrection of the Body. Eternal life. 6. The celebration of the Christian mystery, the Liturgy, the sacramental economy, the Easter mystery in the Church, the liturgy - the work of the Holy Trinity, the Easter mystery in the feasts of the Church, the liturgical diversity and the unity of mystery. 7. The sacraments of the introduction to Christian life, the Sacrament of the Baptism, Celebration, Recipient, Executor, Bone Grace. Blessing. Confirmation. Salvation Economics, Gifts of the Holy Spirit, Recipient, Executor, Eucharist, Celebration, Recipient, Executor. 8. Sacraments of Healing, Sacrament of Repentance and Reconciliation, Forms, Acts, Executor, Recipient. Sacrament of the anointing of the sick 9. The sacraments of the service to the community, Priesthood, the degrees. Marriage, Marriage in God's Plan. Other liturgical celebrations, Christian Funeral. 10. Dignity of the human person. Man - created on the image of God. Human freedom. 11. The morality of human acts, the passion and morality. Conscience. Facts - human and divine. 12. Sins - definition, division. Moral Law. Grace and Faithfulness.</p>	

COURSE TITLE: Biochemistry	
COURSE CODE: KVEZ/54V1003W/15	NUMBER OF CREDITS: 2
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS: The aim of the course is to present for the students basic knowledge from biochemistry related to the human body and health process. Students will acquire the basic knowledge about biochemistry and biochemical process of the disease.	
THEME OUTLINE: 1. Characteristic of subject. 2. Biological membranes. 3. Characteristics and metabolism of carbohydrates, lipids. Cholesterol. 4. Biological oxidation, creation of the energy, endergonic and exergonic reactions. 5. Proteins. 6. Hormones. 7. Hemoglobin, bilirubin, porphyrins. 8. Vitamins. 9. Enzymology. 10. Oncological markers. 11. Sampling of biological materials. 12. Methods in clinical Biochemistry.	

COURSE TITLE: Biology	
COURSE CODE: KVEZ/54V1004W/15	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS: The goal of the subject is to learn basic knowledge connected to general cytology, Cell physiology, molecular biology and general genetics.	
THEME OUTLINE: 1. Cell theory, chemical structure of cell. 2. Cell composition. Prokaryotic, eukaryotic cells. 3. Cytoplasm. Biological membrane. Cell wall. Basics of using microscope. 4. Membrane organelles. 5. Fibrillary organelles. Non-membrane organelles. 6. Intracellular communication. 7. Cell cycle. 8. Molecular biology. The chemical foundations of heredity: DNA, RNA, Genetic code. 9. Transcription, Translation. 10 Autosomal, Gonosome inheritance. 11. Gene interactions. 12. Mutagenesis. Quantitative and Population genetics.	

COURSE TITLE: Clinical Practice 1	
COURSE CODE: KVEZ/54V1013W/15	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS: The student will gain knowledge about the operation of individual outpatient and hospital departments, their organization and epidemiological regime. It will gain knowledge about the diagnosis of nosocomial infections and basic knowledge about preventive and repressive measures.	
THEME OUTLINE: 1. Hygiene-epidemiological regime of the workplace. 2. Use of personal protective equipment and clothing 3. Hygiene of the hands. 4. Handling of linen. 5. Manipulation with diet. 6. Waste management. 7. Disinfection, sterilization of instruments, and environment. 8. Barrier care. 9. Hygienic principles for the collection of biological material. 10. Reporting, diagnosis and documentation of nosocomial infections 11. Preventive and repressive measures aimed at nosocomial infections. 12. Asepsis, antisepsis	

COURSE TITLE: Clinical Practice 2	
COURSE CODE: KVEZ/54V1014W/16	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS: Students will acquire knowledge of organization, competencies and tasks in the workplace of preventive occupational medicine, of the central sterilization unit of the hospital medical facility and of the regional public health offices focused on the living and working environment. It gains theoretical knowledge to perform individual hygiene, epidemiology, health and prevention.	
THEME OUTLINE: 1. PREVENTIVE WORKING PRACTICE: Methods used in preventive occupational medicine, 2. PREVENTIVE WORKING PRACTICE: measures for prevention of disease-related work. 3. PREVENTIVE WORKING PRACTICE: health risk assessment and categorization of work. 4. PREVENTIVE WORKING PRACTICE: Assessing Physical Exercise. 5. PREVENTIVE WORKING PRACTICE: evaluation of mental workload and sensory load at work. 6. HYGIENE OF THE ENVIRONMENT: assessment of the health status of the population in relation to environmental factors. 7. HYGIENE OF THE ENVIRONMENT: hygiene requirements for spatial planning 8. HYGIENE FOR ENVIRONMENT: hygiene requirements for the external environment. 9. HYGIENE OF THE ENVIRONMENT: Hygienic requirements for the indoor environment of buildings 1. 10. HYGIENE OF THE ENVIRONMENT: hygienic requirements for the indoor environment of buildings 2. 11. CENTRAL STERILIZATION DEPARTMENT:	

Disinfection control. 12. Excursions to municipal waste dumps and selected enterprises.

COURSE TITLE: Clinical Practice 3	
COURSE CODE: KVEZ/54V1015W/16	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS: Students will acquire knowledge of organization, competencies and tasks in the workplace of preventive occupational medicine, of the central sterilization unit of the hospital medical facility and of the regional public health offices focused on the living and working environment. It gains theoretical knowledge to perform individual hygiene, epidemiology, health and prevention. The student will acquire practical skills in using methods in environmental and health hygiene, in preventive occupational medicine and in disinfection and sterilization control. The student will be actively involved in the work schedule at designated departments.	
THEME OUTLINE: 1. PRACTICE OF PREVENTAL WORKING PHYSICS: evaluation of physical factors of the working environment. 2. PREVENTIVE WORKING PRACTICE: evaluation of chemical factors of the working environment. 3. PREVENTIVE WORKING PRACTICE: Assessment of the biological factors of the working environment. 4. PREVENTIONAL WORKING PRACTICE: minimum safety and hygiene requirements for the workplace. 5. PREVENTIVE WORKING PRACTICE: health surveillance and health assessment. 6. HYGIENE OF THE ENVIRONMENT: supplying the population with health-conscious drinking water. 7. HYGIENE OF THE ENVIRONMENT: hygienic requirements for the operation of artificial and natural swimming pools. 8. HYGIENE OF THE ENVIRONMENT: hygiene requirements for the operation of human body care facilities. 9. DEPARTMENT OF HYGIENE AND EPIDEMIOLOGY: Contamination and decontamination of devices and environment. 10. HYGIENE AND EPIDEMIOLOGY DISTRIBUTION: Control of sterility. 11. Excursion to sewage treatment plants. 12. Excursion to the hydro meteorological institute.	

COURSE TITLE: Clinical Practice 4	
COURSE CODE: KVEZ/54V1016W/17	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 5th
EXPECTED RESULTS: The student will deepen the theoretical knowledge gained in lectures and exercises on the promotion and protection of children and youth health, especially with a focus on developing and improving the health of the young generation, and will familiarize themselves with systemic measures aimed at eliminating or reducing the risk of disease and other health disorders. As well as the theoretical knowledge of nutrition hygiene.	

The student will acquire practical skills, habits and working skills in the areas of hygiene of children and youth in the facilities of the Regional Public Health Authorities (RÚVZ) and in the Department of Hygiene and Epidemiology of the hospital on nutrition hygiene. He / she will be familiar with practical activities and will be active in solving both model and real situations.

THEME OUTLINE:

1. HYGIENE NUTRITION: Evaluation of nutrition and nutritional status of a person. 2. HYGIENE NUTRITION: HACCP (Hazard Analysis and Critical Points). 3. HYGIENE OF NUTRITION: Hygiene of food enjoyment and training of employees. 4. HYGIENE OF NUTRITION: Sanitary measures against unwanted micro-organisms and pests in food establishments. 5. HYGIENE NUTRITION: 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. 7. HYGIENE OF CHILDREN AND YOUTH: Determining physical fitness and performance
8. HYGIENE OF CHILDREN AND YOUTH: Assessment of movement development. 9. HYGIENE OF CHILDREN AND YOUTH: Assessment of psychological development. 10. HYGIENE OF CHILDREN AND YOUTH: Hygiene requirements for collective facilities for children and youth. 11. HYGIENE OF CHILDREN AND YOUTH: Hygiene requirements for the educational process. 12. HYGIENE OF CHILDREN AND YOUTH: Protection of children and adolescents in pre-school and school age

COURSE TITLE: Continuous Professional Practice 1

COURSE CODE: KVEZ/54V1032W/15

NUMBER OF CREDITS: 4

STUDY LEVEL: BA

SEMESTER: 2nd

EXPECTED RESULTS:

The student applies his / her theoretical knowledge and acquires the basic practical skills that he / she will use when assessing the impact and risks of the environment and the operation of medical facilities on health in the provision of medical and preventive care. He will acquire skills to perform professional activities in the field of hospital hygiene and prevention of nosocomial infections.

THEME OUTLINE:

1. Hygiene-epidemiological regime of the workplace. 2. Use of personal protective equipment and clothing. 3. Hand Hygiene. 4. Handling of linen. 5. Manipulation with food in the hospital. 6. Waste management. 7. Disinfection. 8. sterilization of tools. 9. Reporting, diagnosis and documentation of nosocomial infections, preventive and repressive measures. 10. Hygienic principles of sampling of biological material Microbiological processing of collected material. 11. Resistance of microorganisms. 12. Asepsis, antisepsis.

COURSE TITLE: Continuous Professional Practice 2	
COURSE CODE: KVEZ/54V1033W/16	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS:	
The student will acquire practical skills in using methods to protect and promote health in environmental hygiene and preventive occupational medicine. The student will be actively involved in the work schedule at designated departments.	
THEME OUTLINE:	
1. Methods used in preventive occupational medicine. 2. Measures to prevent the occurrence of conditional diseases. 3. Assessment of health risks. 4. Categorization of work. 5. Assessment of physical load. 6. Evaluation of psychological workload. 7. Assessment of sensory load at work. 8. Assessment of the health status of the population in relation to environmental factors. 9. Hygiene requirements for spatial planning. 10. Hygienic requirements for the external environment. 11. Hygienic requirements for the indoor environment. 12. Hygienic requirements for buildings.	

COURSE TITLE: Continuous Professional Practice 3	
COURSE CODE: KVEZ/54V1034W/16	NUMBER OF CREDITS: 4
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS:	
The student will acquire practical skills in using methods to protect and promote health in environmental hygiene and preventive occupational medicine. The student will be actively involved in the work schedule at designated departments.	
THEME OUTLINE:	
1. Assessment of physical working environment factors. 2. Assessment of working environment chemical factors. 3. Evaluation of biological factors in the working environment. 4. Minimum safety and hygiene requirements for the workplace. 5. Health surveillance. 6. Assessment of medical fitness. 7. Providing the population with health-conscious drinking water. 7. Hygienic requirements for the operation of artificial and natural swimming pools. 8. Hygienic requirements for the operation of human body care facilities.	

COURSE TITLE: Continuous professional Practice 4	
COURSE CODE: KVEZ/54V1035W/17	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 5th
EXPECTED RESULTS:	
<p>The student will acquire practical skills, habits and working skills in the field of hygiene of children and youth and in the field of nutrition hygiene in the facilities of the Regional Public Health Authority (RÚVZ). He / she will be familiar with practical activities and will be active in solving both model and real situations.</p>	
THEME OUTLINE:	
<p>1. EPIDEMIOLOGY: organization of department work, transmission of communicable diseases, EPIS (epidemiological and influenza-like diseases), work in the outbreak. 2. Vaccination immunization and control, noninfectious diseases, medical equipment, current situation solving, fieldwork. 3. PREVENTIVE WORKING PRACTICE: organization of department work. 4. State health surveillance in the predominant problem of preventive occupational medicine in the given region. 5. Occupational diseases, solution of current situations, field work. 6. ENVIRONMENTAL HYGIENE: organization of department work. 7. State health supervision, current situation solving, field work. 8. HYGIENE NUTRITION: organization of department work. 9. State health surveillance, food supervision, current situation solving, field work. 10. HYGIENE OF CHILDREN AND YOUTH: organization of department work. 11. State health surveillance, current situation solving, field work. 12. HEALTH EDUCATION: organization of department work, health education, realization of tasks, projects, grants.</p>	

COURSE TITLE: Demography	
COURSE CODE: KVEZ/54V1005W/16	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS:	
<p>Students will acquire knowledge about health and disease, especially in the social context, population health and health determinants and social tools to protect and enhance the health potential and prolong human life through organized social efforts. Analyzes and assesses the health status of the population, community, family.</p>	
THEME OUTLINE:	
<p>1. Introduction to problems, basic concepts. 2. Historical overview, terminology, symbolism. 3. demographic processes and their characteristics. 4. Population growth and structure. 5. Health status of the population. 6. Families. 7. households. 8. Demographics. 9. Current population development in the world. 10. Current Population Development in Slovakia. 11. Demographic forecasts. 12. Population policy.</p>	

COURSE TITLE: English Language 1	
COURSE CODE: KVEZ/54V1053Y/15	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS: The main goal of the subject is learning students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Introduction. 2. Articles, Word Categories, Word Order. 3. The scope and concerns of public health – introduction. 4. Functions of public health. 5. Present Simple. 6. Contemporary health issues. 7. Communicable diseases. 8. Chronic diseases. 9. Mental illness, population changes. 10. Present Continuous. 11. Presentations I. 12. Presentations II	

COURSE TITLE: English Language 2	
COURSE CODE: KVEZ/54V1054Y/15	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 2nd
EXPECTED RESULTS: The main goal of the subject is learning students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Introduction. 2. Public health issues I. 3. Public health issues II. 4. Past simple. 5. Public health intervention. 6. The future of public health. 7. Past continuous. 8. Hand hygiene I. 9. Hand hygiene II. 10. Future tenses. 11. Presentations I. 12. Presentations II.	

COURSE TITLE: English Language 3	
COURSE CODE: KVEZ/54V1055Y/16	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 3rd
EXPECTED RESULTS: The main goal of the subject is learning students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Introduction. 2. Modal Auxiliary verbs 1., 2. 3. History and development of public health I. 4. Modal Auxiliary verbs 3., 4. 5. History and development of public health II. 6. Present Perfect. 7. History and development of public health III. 8. Present Perfect Continuous. 9. Globalization I. 10. Globalization II. 11. Presentations. 12. Presentations	

COURSE TITLE: English Language 4	
COURSE CODE: KVEZ/54V1056Y/16	NUMBER OF CREDITS: 1
STUDY LEVEL: BA	SEMESTER: 4th
EXPECTED RESULTS: The main goal of the subject is learning students how to work with material in foreign language, how to translate it and how to communicate properly in foreign language. Students will gain specific terminology.	
THEME OUTLINE: 1. Introduction. 2. Conditionals 1. 3. Overview and framework I. 4. Conditionals 2. 5. Conditionals 3. 6. Overview and framework II. 7. Overview and framework III. 8. Reported Speech. 9. Health services and determinants I. 10. Health services and determinants II. 11. Assessing health needs: The global burden of disease approach I. 12. Assessing health needs: The global burden of disease approach II.	

COURSE TITLE: Epidemiology 1	
COURSE CODE: KVEZ/54V1008W/15	NUMBER OF CREDITS: 3
STUDY LEVEL: BA	SEMESTER: 1st
EXPECTED RESULTS: The student obtains theoretical knowledge about the epidemiological method of work, basic epidemiological characteristics, evaluation of the health status of the population - mortality, morbidity, premature mortality, mean life expectancy, QALYs, DALYs, PYLLs, HALE.	

Student defines descriptive, analytical observation, Intervention studies, questionnaire, screening, identifies economic evaluation of intervention studies - model situations, compilation of standardized reports and meta-analysis.

THEME OUTLINE:

1. Definition and basic characteristics of epidemiology.
2. Health and disease measurement.
3. Causes of Disease – causality.
4. Variability, validity, random and systematic errors, distortion, risk.
5. Epidemiological method of work, screening, questionnaire.
6. Epidemiological studies.
7. Descriptive epidemiological studies
8. Analytical epidemiological studies.
9. Meta-analysis, pooling, surveillance.
10. Project in epidemiology, project, register, home monitoring.
11. Health status and health status, epidemiology and health policy
12. Health promotion and prevention.

COURSE TITLE: Law and Legislation

COURSE CODE: KVEZ/54V1025W/17

NUMBER OF CREDITS: 1

STUDY LEVEL: BA

SEMESTER: 5th

EXPECTED RESULTS:

Students will learn law and legislation connected to to work in the field of healthcare.

THEME OUTLINE:

1. Basic legal concepts.
2. Labor law of healthcare workers.
3. Labor-law liability for damage.
4. Criminal liability for damage.
5. Legal aspects of health care.
6. The legal position of a health care professional.
7. Health standards, patients' rights and health documentation.
8. Protection and promotion of public health.
9. Safety and health at work.
10. Administrative procedure - legal aspects.
11. Case clinical trials.
12. Basic Human Rights and Freedoms.

COURSE TITLE: Professional Ethics

COURSE CODE: KVEZ/54V1026W/17

NUMBER OF CREDITS: 1

STUDY LEVEL: BA

SEMESTER: 5th

EXPECTED RESULTS:

The student will gain knowledge about the latest approaches in the area of ethics and decision making in the area of patient care. He /She will gain knowledge of the latest approaches to ethics and public health decision-making and will acquire practical skills to help him / her analyze the current ethical issues affecting the public health sector that will lead to decision-making in specific situations.

THEME OUTLINE:

1. Health, disease and public health objectives in relation to ethics. Basic Principles of Medical Ethics. 2. Code of Ethics and Healthcare Worker Requirements. 3. International papers on bioethics and research. 4. Moral-ethical dilemmas in health at the beginning of life - artificial reproduction, viability, artificial termination of pregnancy, contraception. Moral-ethical evaluation of sexual and reproductive health issues: the problem of sterilization, castration, prenatal diagnosis, programmed labor, transplantation of human fetal tissues. Selective reproduction, eugenics and public health. 5. Ethics and First Aid. 6. Ethics and Ethics Commission. The process of obtaining informed consent. 7. Ethics, screening, control of infectious diseases and coercive means in health care. 8. Ethics and Workplace Relationships. Ethics and risks, caution and measures. 9. Ethics of transplants. Ethics, smoking and environmental health. 10. Ethics at the end of life - euthanasia, mild treatment, failing to give treatment to the dying. 11. Patient rights and ethics. 12. Ethics and screening programs, immunization, development of new drugs. Ethics and Preventive Programs