

CATHOLIC UNIVERSITY IN RUŽOMBEROK
FACULTY OF HEALTH

Subjects offered in English language*

*Catholic University in Ružomberok - Faculty of Health, reserves the right to revise, change or cancel subjects whenever considered necessary or desirable.

Department of Nursing

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1002W	Title of the subject: Biochemistry
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1012W	Title of the subject: Clinical seminars 1
Expected results: Students will gain the skills needed to work as a nurse.	
Theme outline: 1. Practical nursing techniques in natural surroundings. 2. Bandage technique. 3. Sterilization and disinfection of equipment. 4. Patient care. 5. The personal hygiene of the patient. 6. Serving the food. 7. Nursing rehabilitation. 8. Women's catheterisation, assistance with catheterization of man and the children. 9. Clyster. 10. Physiological functions. Physical examination. 11. The application of heat, cold therapy. 12. Communication skills.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1025W	Title of the subject: Clinical seminars 2
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1039W	Title of the subject: Clinical seminars 3
Expected results: Students will gain the skills needed to practice as the nurses in accordance with the Health Ministry Decree MZ SR 364/2005 Z.z.	
Theme outline: 1. Nursing techniques in each clinical position. 2. Nursing techniques in	

outpatients' departments. 3. Nursing techniques in ADOS. 4. Nursing process in the clinical surroundings. 5. Nursing process in the outpatients department for adults. 6. Nursing process in the outpatient department for children and adolescents. 7. Nursing process in ADOS. 8. Assessment of the needs according to a conceptual model. 9. Assessment of the knowledge and skills in the context of health education. 10. Communication skills. 11. The medical documentation. 12. Case studies.

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1048W	Title of the subject: Clinical seminars 4
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1010W	Title of the subject: Continuous Professional Training 1
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1020W	Title of the subject: Continuous Professional Training 2
Expected results: Implement the nursing care independently and in collaboration with the doctors in chosen diseases at the different stages of their development in the healthy and sick people, families and communities.	
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 bed. 5. Personal hygiene of the patient. 6. Serving the food to the patients. 7. Rehabilitation. 8. Measurement of physiological function.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1021W	Title of the subject: Continuous Professional Training 3
Expected results: Provide the nursing care in conditions of medical facilities.	
Theme outline: 1. Nursing process and techniques in clinical conditions. 2. Assessment of the knowledge and skills of individuals, families, communities within the health education. 3. Acquirement of the communication skills in interaction with the patients and medical staff. 4. Information about medical documentation at the workplace.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1035W	Title of the subject: Continuous Professional Training 4
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 04O2071W	Title of the subject: Continuous Professional Training 5
Expected results: Effectively master nursing techniques in natural conditions. Acquire the competence to work as a nurse.	
Theme outline: 1. Nursing techniques at the clinical workplace. 2. Preparation and serving the medicine. 3. Caring for peripheral and central venous catheter. 4. Preparation and submission of infusions, transfusions. 5. Parenteral nutrition 6. Sampling and sending of biological material for examination. 7. Doctor's round. 8. Assistance during the injections. 9. Assistance in chosen surgical procedures. 10. Curing the stoma. 11. Nursing care in nursing home care agency. 12. Nursing care of the dying person, and the dead body.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1043W	Title of the subject: Continuous Professional Training 6
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1001Y	Title of the subject: English Language 1
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1002Y	Title of the subject: English Language 2
Expected results: Students are taught how to work with the foreign language texts, how to do the correct translation and gain communication skills.	
Theme outline: 1. Bad handwriting. 2. Patient summary. 3. The admission procedure. 4. Patient record. 5. Admitting a patient. 6. A pain chart. 7. Pain relief. 8. Filling in a pain chart. 9. Questions to assess pain. 10. Making comparisons. Symptoms. Night coughing. 11. Question forms. 12. Mystery syndromes.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1003Y	Title of the subject: English Language 3
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1004Y	Title of the subject: English Language 4
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. Zero and first conditional. 2. Talking about dying. 3. Report of a death. 4. The Hope Children's Hospice. 5. Death certificate. 6. Expressing possibility. 7. Preparing a body for relatives. 8. Famous people suffering from mental illness. 9. Schizophrenia. 10. Mental illness. 11. Present Perfect and Past Simple. T. 12. Passive voice.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code : 04O2092W	Title of the subject: Gerontological Nursing
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 04O2094W	Title of the subject: Law and Legislation in Nursing
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O1014W	Title of the subject: Nursing process and needs 2
Expected results: To gain the ability to identify the needs of individuals, family, community in both conditions – illness and good health state.	
Theme outline: 1. Needs – general descriptions. 2. Motivation. 3. Factors which modify the satisfying the needs. 4. Classification of needs 5. Nursing process in satisfying needs. 6. Need of respiration. 7. Need of nutrition. 8. Need of excretion. 9. Need of sleep and relaxation. 10. Need of physical activity. 11. Need of decreasing the pain. 12. Social needs, mental needs, need of getting knowledge. Spiritual needs.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 54O10441W	Title of the subject: Health Research
Expected results: To gain information about health research and methods of this research. To be able to characterize qualitative, quantitative research and methodology in nursing. To	

be able to publish the results of research.

Theme outline: 1. Basic terminology. 2. Qualitative and quantitative research and its use in nursing. 3. Stages and phases of research. 4. Evidence-based practice. 5. Research problem and main goal in research. Research hypotheses. Research sample. 6. Peculiarities of the conduct of clinical research. 7. Research methods. 8. The use of qualitative methods in nursing. 9. Processing of research results. 10. Creating graphs and tables. Presentation of research results. 11. Written and oral presentations. 12. The most common mistakes of scientific work.

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code: 04O2093W

Title of the subject: Oncological Nursing

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.

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code: 54O1040W

Title of the subject: Pediatric and Neonatal Nursing

Expected results: Students will acquire knowledge about healthy and sick child with a focus on nursing care. Students will acquire knowledge about different diseases and conditions in children with a focus on nursing care.

Theme outline: 1. Specific of nursing process in pediatrics. 2. Child development. 3. The rights of children. 4. A child in the community. 5. Support for child and adolescent health, vaccinations. 6. Basal stimulation in pediatrics. 7. Nutrition of child. 8. Basic physical examination of children. 9. Pain in childhood. 10. Nursing care for healthy newborns. 11. Nursing care for children with diseases of the respiratory, digestive and cardiovascular systems. 12. Nursing care of diseases of the kidneys and urinary tract. Treatment of children with: 1. Disorders of cognition, 2. Infectious diseases, 3. Endocrine diseases, 4. Congenital metabolic defects, 5. Diseases of the eye, 6. Diseases of skin, 7. Diseases connected to Otorhinolaryngology, 8. Blood diseases, 9. Acute state, 10. Cancer, 11. Psychosomatic diseases. 12. Prevention in pediatrics.

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 04O2029W	Title of the subject: Philosophy and Professional Ethic
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 04O2067W	Title of the subject: Psychiatric Nursing
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 52Z1002W	Title of the subject: Basic theme of the Bible
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.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code: 52Z1000W	Title of the subject: Basic themes of Theology
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 Physiotherapy

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Physiotherapeutic diagnosis 1
Expected results: Students will become familiar with the basic procedures in Physiotherapy.	
Theme outline: 1. History of Physiotherapy. Types of movements and their examination. 2. Introduction to Physiotherapy and basics of palpation. 3. Medical history and medical history data collection. 4. Examination of spine and posture, 5. Anthropometry. 6. Upper limbs. 7. Lower limbs. 8. Goniometer of the upper limb. 9. Goniometry of a hand. 11. Goniometry of the lower limb.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Physiotherapeutic diagnosis 2
Expected results: Students will become familiar with the basic procedures in Physiotherapy.	
Theme outline: 1. – 12. Functional muscle test according to Janda.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Physiotherapeutic diagnosis 3
Expected results: Students will become familiar with the investigative procedures of manual	

medicine, focusing on the spine.

Theme outline: 1. History of manual medicine. 2. A comprehensive examination of the spinal mobility. 3. Local investigation: Occiput, connection atlas - axis. 4. Symptomatology cervical-cranial and cervical-brachial syndrome. 5. Examination of the cervical spine. 6. Examination of the thoracic spine. 7. Examination of the chest and ribs. 8. Examination of the lumbar spine. 9. Examination of axis sacrum. 10. Examination of axis coccyges and ligamentous pain. 11. – 12. Visceral relationships with a link to the spine

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code:

Title of the subject: Physiotherapeutic diagnosis 4

Expected results: Students will become familiar with the investigative procedures of manual medicine, focusing on the legs and symptomatology.

Theme outline: 1. Examination of the respiratory movements and breathing. 2. Examination of the shoulder joint. 3. Examination of the elbow and wrist joints. 4. – 5. Examination of the hands. 6. Examination of the hip and pelvis. 7. Examination of the knee joint and patella. 8. Examination of the ankle joint and Achilles tendon 9. – 10. Examination of a foot. 11. – 12. Symptomatology of axial system pain.

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code:

Title of the subject: Methods of Kinesitherapy 1

Expected results: Students will become familiar with basic practice in kinesitherapy.

Theme outline: 1. Introduction into physiotherapy. 2. Passive exercises. 3. Active exercises. 4.-5. Positioning. 6.-7. Breath exercises. 8.-9. Vascular exercises. 10. Hypermobility. 11.-12. Fitness exercises

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code:

Title of the subject: Methods of Kinesitherapy 2

Expected results: Students will become familiar with basic practice in kinesitherapy.

Theme outline: 1. - 4. Rehabilitation plan and program. 5. - 6. Relaxation and types of relaxation exercises. 7. -12. Different kinds of exercises according to diagnosis.

University: Catholic University in Ružomberok

Faculty: Faculty of Health

Subject code:

Title of the subject: Methods of Kinesitherapy 3

Expected results: Students will learn about the functional disorders of the locomotor system, with postural correction,.. and techniques of kinesitherapy.

Theme outline: 1. Functional disorders of the locomotor system. 2. Neuromuscular

techniques - anatomy and functional anatomy muscular system, general characteristics and classification of neuromuscular techniques. 3. Neuromuscular techniques - anatomy and functional anatomy of the head and neck muscles. 4. Neuromuscular techniques - anatomy and functional anatomy of the upper limb muscles. 5. Neuromuscular techniques - anatomy and functional anatomy of the trunk muscles. 6. Neuromuscular techniques - anatomy and functional anatomy of the pelvic muscles and legs. 7. Neuromuscular techniques – characteristics of the isometric relaxation techniques, methods of the antigravity relaxation, reciprocal inhibition methods. 8. Postural correction and methods focused on good posture - Methods designed by B. Mensendieck, F. M. Alexander, M. Feldenkrais- 9. The method of sensorimotor stimulation. 10. Brügger’s concept. 11. The method of P. K. Vogelbach – exercising with a big ball. 12. L. Moses’ method - rehabilitation treatment of certain types of functional female sterility.

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Methods of Kinesitherapy 4
Expected results: Students will learn the principles and suitability of using the selected special methods, methodologies and techniques of Kinesitherapy and gain practical skills.	
Theme outline: 1. R. Brunkow’s method. 2. Mobilization techniques - anatomy and functional anatomy of the peripheral joints. 3. Mobilization techniques - characterization of a malfunction in the joint, its diagnosis and treatment. 4. Mobilization technique - diagnosis and treatment of malfunction in the peripheral joints of the upper limb. 5. Mobilization techniques - diagnosis and treatment of malfunction in the peripheral joints of the lower limbs. 6. Bobath’s concept in hemiparetic rehabilitation- spastic hemiparesis and its components. 7. Bobath’s concept in hemiparetic rehabilitation – characteristics of the methods. 8. Bobath’s concept in hemiparetic rehabilitation- inhibition and facilitation as the basic therapeutic elements. 9. Bobath’s concept in hemiparetic rehabilitation - rehabilitation in Nursing. 10. Bobath’s concept in hemiparetic rehabilitation - movement re-education, daily activities, ... 11. - 12. Robin Mc Kenzie’s method.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject name:	Title of the subject: Methods of Kinesitherapy 6
Expected results: Students will learn the principles and suitability of using selected special methods, methodologies and techniques of Kinesitherapy and gain practical skills.	
Theme outline: 1. Mobilisation techniques for the joints of the spine. 2. General characteristics of functional disorders of joints and spinal manipulation therapy. 3.-6. Mobilisation techniques for the joints of the spine. 7.-10. Proprioceptive neuromuscular stimulation method. 11. The deep spinal stabilization system and method of its influence. 12. An approach based on ontogenetic development using reflexes and locomotion - Vojta reflective principle.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Nursing
Expected results: Students will learn the basic concepts and starting points in Nursing with a focus on rehabilitation and the basic nursing care.	
Theme outline: 1. Nursing as scientific discipline. 2. Departments of Nursing, historical perspective on nursing. Methods of nursing care. Nursing profession in worldwide view. 3. National Programme for supporting Health. 4. Characteristics of the needs of breathing, nutrition, hygiene, 5. Characteristics of the needs of self-sufficiency and self-care sleep and rest, pain, physical activity. 6. Meeting the needs by nursing process. Nursing process - the characteristic. 7. Management of the nursing process. 8. Caring for patient's hygiene. Prevention of pressure sores. 9. Eating, feeding immobile patients. 10. Working with the central distribution of oxygen. 11. Measurement of physiological functions and records. 12. Ethical aspects of nursing.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Communication
Expected results: Students will learn about communication theory, they will learn how to use it in clinical practice.	
Theme outline: 1. Communication - characteristics. 2. Nonverbal communication 3. Nonverbal communication - facial expressions, kinesis, attitudes. 4. Nonverbal communication - gestures, haptics, proxemics. 5. Verbal communication – function of speech. 6. Verbal communication - interview. 7. Verbal communication - paralinguistic. 8. Empathy and assertiveness. 9. Assertive techniques. 10. Psychotherapeutic approach provided by physiotherapist. 11. The evaluation and devaluation. 12. Meaning of communication in physiotherapy.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Physiotherapy in clinical fields 1
Expected results: Students will learn about approaches of physiotherapy used in gynecology.	
Theme outline: 1. – 4. Therapy after gynecological surgery and breast surgery. 5. – 6. Preparation for childbirth. 7. – 9. Care after birth. 10. – 12. Corrective exercises for the spine.	

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Kinesiology and Pathokinesiology 1
Expected results: Students become familiar with the basic Kinesiology and kinesiological analysis.	

Theme outline: 1. Kinesiology, 2. The development of motor skills, motor skills 3. Forms of motor skills controlling. 4. Kinesiology axial system. 5. Kinesiology locomotors system. 6. Kinesiology of fine motor skills. 7. Kinesiology communication system. 8. Kinesiological analysis.

Department of Radiological Technology

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Subject code:	Title of the subject: Radiation protection and dosimetry
Expected results: Students become familiar with principles and tasks of radiation protection. They will get information about physical principles of radiation. They will also discuss the most common problems and issues connected to radiology.	
Theme outline: 1. Terminology. 2. Basic concepts, legislative, technical norms. 3. Radioactivity, radioactive transformation, nuclear reactions. 4. Types and characteristics of ionizing radiation and X- radiation. 5. Quantities and Units used in radiation protection. 6. Interaction of radiation with mass. 7. Natural and artificial sources of radiation. 8. Quantification of external radiation and internal contamination. 9. Effect of ionizing radiation, description of basic principles of radiation protection.	