Physiotherapy

Kurzus kód: F-AB14GYSZN2601
Kurzus név: Theory of Training and Loading I. (Training Theory, Exercise Physiology)
Kurzusleírás: Students are introduced to the physiological impacts of physical stress, the key components of cardiorespiratory adaptation, the relations of motor skills, the various options to improve strength, speed, endurance and flexibility to promote easier understanding and presentation of activities and interventions related to motion in their future studies. Students become familiar with the health benefits of regular physical activity and an active lifestyle and are able to use these in their prevention and rehabilitation efforts regarding the most common cardiovascular, musculoskeletal and neurological diseases. Students gain practical experience in the assessment of the impacts of physical activity and training activities, study ergometric testing procedures and parameters to describe performance that are most commonly used for testing healthy and unhealthy subjects. Students obtain practical knowledge about regular physical activity, learn skills to recognize an emergency and to give first aid for injuries.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYSZN2701
Kurzus név: Pharmacology II. (topic: complementary pharmacology)
Kurzusleírás: This course introduces medications to treat disorders of the musculoskeletal, the endocrine, the digestive and the central nervous system and their mechanism of action. Objective: to present medications affecting the functioning of bones and muscles in detail. To provide a solid theoretical foundation about the effects of medications affecting the digestive and the central nervous system and about the pharmacology of endocrinology.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en
Kurzus kód: F-AB14GYSZN2801
Kurzus név: Clinical neurophysiology
Kurzusleírás: Course objective: students are introduced to the basic principles of neurophysiology, the examination of cranial nerves, the pathological symptoms of the motor and sensory system, the development of pain, the various techniques of pain relief and neurological diagnostic tests. Requirement: students are expected to be able to examine patients with neurological disorders, to examine reflexes, the vestibular and the extrapyramidal systems and to be familiar with the classification and characteristics of disorders of consciousness.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0201
Kurzus név: Rudiments of Kinesiology I. (topic: basic physiotherapy Studies)
Kurzusleírás: Students are introduced to the physiological and pathological motions of the human body, normal human locomotion, posture and gait, their abnormalities, documentation and evaluation. Students learn the methodology of motion, exercises to be performed in spaces adapted to human motor development.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0301
Kurzus név: Functional analysis and examination of movement I. (Functional analysis of movement)
Kurzusleírás: Students are introduced to the physiological and pathological motions of the human body, normal human locomotion, posture and gait, their abnormalities, documentation and evaluation. Students learn the methodology of motion, exercises to be performed in spaces adapted to human motor development.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14GYDN0302

**Kurzus név:** Functional analysis and examination of movement I. (Functional analysis of movement)

**Kurzusleírás:** Course objective: to introduce the correct and complex examination of the motor system of patients to students to be used as the basis of identification of abnormalities and determination of therapy.

Requirement: students are expected to know the basics of clinical examinations and examination of the motor system, the analytic examination of muscles, the measurement of range of motion, the application of joint mobility, maintenance, movement (ROM) methods.

**Kreditérték:** 1

**Félév:** IV. spring

**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14GYDN0303

**Kurzus név:** Functional analysis and examination of movement I. (Functional analysis of movement practice)

**Kurzusleírás:** Course objective: To acquaint the students with the correct, complex musculoskeletal examination of patients, forming the basis of mapping the pathological disorders, and planning the appropriate treatment.

**Requirements:** students will learn the basics of musculoskeletal and clinical patient examination, analytical examination of the muscles, measurement of the joints’ range of motion, the joint mobility - holding, moving (ROM) methods.

**Kreditérték:** 3

**Félév:** IV. spring

**Kurzus nyelve:** en
Kurzus kód: F-AB14GYDN0304
Kurzus név: Functional analysis and examination of movement I. (Functional analysis of movement field practice)
Kurzusleírás: To acquaint the students with the correct, complex musculoskeletal examination of patients, forming the basis of mapping the pathological disorders, and planning the appropriate treatment. Requirements: students will learn the basics of musculoskeletal and clinical patient examination, analytical examination of the muscles, measurement of the joints’ range of motion, the joint mobility - holding, moving (ROM) methods.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0803
Kurzus név: Functional analysis and examination of movement II. (Functional Analysis and Examination of the Motion System)
Kurzusleírás: Aim of the subject: The students should learn the correct, complex examination of the patient from the point of view of kinematics that forms a basis of mapping pathological disorders and planning proper treatment. Requirements: The students should learn the fundamentals of musculoskeletal and clinical patient examination, the analytic examination of muscles, the measurement in joint movement range, the application of joint movement ability-maintenance, mobility (ROM).
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0401
Kurzus név: Demonstration Practice I. (topic: Physiotherapy of Locomotor Diseases, EBHKT)
Kurzusleírás: Longer-term, continuous, guided practical work, in a defined field of health care, practicing the independent professional activity.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en
Kurzus kód: F-AB14GYDN0501
Kurzus név: Movement and massage therapy I. (topic: Electro diagnostic, Electro-, Balneo-, Hydro- , Climatherapy)
Kurzusleírás: EBHK forms an important part of complex physiotherapy that promotes the patient healing and rehabilitation. The student, within the frames of the course, will learn the methods of healing with physical energy (electrotherapy, hydrotherapy, thermotherapy, phototherapy, climate therapy, physiotherapy), the indications and contraindications for EBHK application. The goal and tasks of the course is teaching the proficient execution of all the related low-frequency treatment methods and the familiarity with the basic concepts. In semester 3 Proficient execution of EDG, medium and high-frequency treatments, hydrotherapy, balneotherapy, climate therapy, thermotherapy and phototherapy, ultrasound, electrodiagnostics, electrogymnastics and all medium and high-frequency magnetotherapy, phototherapy, thermotherapy, climate therapy, mechanotherapy, balneotherapy and hydrotherapy treatment processes, as well as mastering the basic concepts.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0502
Kurzus név: Movement and massage therapy I. (topic: Electro diagnostic, Electro-, Balneo-, Hydro- , Climatherapy practice)
Kurzusleírás: EBHK forms an important part of complex physiotherapy that promotes the patient healing and rehabilitation. The student, within the frames of the course, will learn the methods of healing with physical energy (electrotherapy, hydrotherapy, thermotherapy, phototherapy, climate therapy, physiotherapy), the indications and contraindications for EBHK application. The goal and tasks of the course is teaching the proficient execution of all the related low-frequency treatment methods and the familiarity with the basic concepts. In semester 3 Proficient execution of EDG, medium and high-frequency treatments, hydrotherapy, balneotherapy, climate therapy, thermotherapy and phototherapy, ultrasound, electrodiagnostics, electrogymnastics and all medium and high-frequency magnetotherapy, phototherapy, thermotherapy, climate therapy, mechanotherapy, balneotherapy and hydrotherapy treatment processes, as well as mastering the basic concepts.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0503
Kurzus név: Movement and massage therapy I. (topic: Electro diagnostic, Electro-, Balneo-, Hydro-, Climatherapy field practice)
Kurzusleírás: EBHK forms an important part of complex physiotherapy that promotes the patient healing and rehabilitation. The student, within the frames of the course, will learn the methods of healing with physical energy (electrotherapy, hydrotherapy, thermotherapy, phototherapy, climate therapy, physiotherapy), the indications and contraindications for EBHK application. The goal and tasks of the course is to teach the proficient execution of all related low-frequency treatment methods and the familiarity with the basic concepts. In semester 3 students will learn the following: proficient execution of EDG, medium and high-frequency treatments, hydrotherapy, balneotherapy, climate therapy, thermotherapy and phototherapy, ultrasound, electrodiagnostics, electrogymnastics and all medium and high-frequency magnetotherapy, phototherapy, thermotherapy, climate therapy, mechanotherapy, balneotherapy and hydrotherapy treatment processes, as well as mastering basic concepts.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN0601
Kurzus név: Movement and massage therapy II. (topic: Manual Therapy)
Kurzusleírás: Based on the theory, the students will understand the diagonal movement patterns and techniques. Requirement: they will be able to apply in a targeted manner the PNF exercises for the specified clinical problems.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en
Kurzus kód: F-AB14GYVN0501
Kurzus név: Movement and massage therapy III. (topic: Manual Therapy, Massage)
Kurzusleírás: development of tactile ability, classical Swedish massage techniques, reflexology massage techniques (massaging connective tissue segment). Requirement: the students will become proficient in the Swedish massage and reflexology massage techniques. One of the most important tasks of the course is the development of tactile examination of the skin, palpation of subcutaneous structures, muscle tone, as well as other body parts of the bone and soft tissues. Learning the reflex massage treatment theory, the students will be able to induce a therapeutic response in the afflicted organ systems, and recognize the symptoms of the disease.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYVN0502
Kurzus név: Movement and massage therapy III. (topic: Manual Therapy, Massage practice)
Kurzusleírás: development of tactile ability, classical Swedish massage techniques, reflexology massage techniques (massaging connective tissue segment). Requirement: the students will become proficient in the Swedish massage and reflexology massage techniques. One of the most important tasks of the course is the development of tactile examination of the skin, palpation of subcutaneous structures, muscle tone, as well as other body parts of the bone and soft tissues. Learning the reflex massage treatment theory, the students will be able to induce a therapeutic response in the afflicted organ systems, and recognize the symptoms of the disease.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14GYDN1102  
**Kurzus név:** Physiotherapy III. (Knowledge category: Physiotherapy of Cardiorespiratory Diseases, Pulmonary Physiotherapy)  
**Kurzusleírás:** Aim of the subject: The students should learn the physiotherapy treatment, healing methods in pulmonology.  
Requirements: The students should have proficiency in the treatment of pulmonary diseases.  
**Kreditérték:** 2  
**Félév:** VI. spring  
**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14GYDN1601  
**Kurzus név:** Neurology (topic: Neurological Diseases)  
**Kurzusleírás:** Neurology education is designed to provide the physiotherapist students with:  
A a sound theoretical foundation on the examination procedures of the nervous system that are relevant to physioterapists  
B an understanding of the diseases groups, where physiotherapy is applicable,  
C an understanding in the mechanism of action of the employed procedures,  
D proficient knowledge in applying the physiotherapy techniques in the organic neurological disorders. It is a requirement that students have sound theoretical foundations in the examination procedures employed in neurology. They will learn about the disease groups, which are frequently dealt with by the physiotherapist. They will be aware of their etiology, symptomatology, the non-physiotherapeutic treatment options and the clinical course of the disease. They will understand the mechanism of action of methodologies applied. The graduate students will have the skills to apply proficiently different physiotherapeutic techniques, know their own limits of competence.  
**Kreditérték:** 2  
**Félév:** VI. spring  
**Kurzus nyelve:** en
Kurzus kód: F-AB14GYDN1701
Kurzus név: Physiotherapy IV. (topic: Physiotherapy of Neurological and Psychiatric Diseases, Neurology Physiotherapy)
Kurzusleírás: The students will be able to examine the neurology patient, to compile an exercise therapy treatment plan and apply in practice the learned physiotherapy procedures.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN1702
Kurzus név: Physiotherapy IV. (topic: Physiotherapy of Neurological and Psychiatric Diseases, Neurology Physiotherapy practice)
Kurzusleírás: The students will be able to examine the neurology patient, to compile an exercise therapy treatment plan and apply the learned physiotherapy procedures in practice.
Kreditérték: 2
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN1703
Kurzus név: Physiotherapy IV. (topic: Physiotherapy of Neurological and Psychiatric Diseases, Neurology Physiotherapy field practice)
Kurzusleírás: The students will be able to examine the neurology patient, to compile an exercise therapy treatment plan and apply in practice the learned physiotherapy procedures.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN1801
Kurzus név: Psychiatry I. (topic: Psychiatric Diseases)
Kurzusleírás: Course objective: Students will learn about the basic medical-psychological phenomena and the social psychiatric aspects of psychiatric diseases, as well as the impact of mental illness on the physical processes.
Requirements: the physiotherapist students must know the basic concepts of psychopathology, and the forms of psychiatric diseases, their management principles and methods.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN1901
Kurzus név: Physiotherapy V. (topic: Physiotherapy of Neurological and Psychiatric Diseases, Psychiatry Physiotherapy)
Kurzus leírás: Within the framework of the course, the students will learn the basics of psychiatric physiotherapy, the theory of applicable exercise therapy in psychiatric patients. Requirements: Students must be familiar with the individual and group exercises as well as the non-verbal techniques that the physiotherapist may employ, depending on the state of the psychiatric disorder. During the semester they will learn the basic elements of communicative exercise therapy, and its theory. Students will be able to effectively complement the socio-pharmaco-psychotherapy.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN1902
Kurzus név: Physiotherapy V. (topic: Physiotherapy of Neurological and Psychiatric Diseases, Psychiatry Physiotherapy practice)
Kurzus leírás: Within the framework of the course the students will learn group exercise treatments in small and large groups that can be employed in psychiatric patients. Requirements: The students must be familiar with the individual and group exercises that the physiotherapist may employ, depending on the state of the psychiatric disorder. During the past semester the students have acquired the skills to effectively complement the socio-pharmaco-psychotherapy, and to independently lead group therapy exercises.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14GYDN2001

**Kurzus név:** Surgery I. (topic: Traumatology, Surgery)

**Kurzusleírás:** Course objective: the students will understand the effects of traumas and surgical interventions, as well as their treatment principles. The formation mechanisms of different injuries, diagnostic procedures, major lines of treatments. They have to be aware of the potential complications, prognosis of the injuries, they have to have detailed knowledge on the post-operative, post-traumatic rehabilitation options and general methods for the different injury types. Requirement: general knowledge of trauma - the mechanism of injury, traumatic shock, burns. Based on theoretical knowledge, proficiency in executing in practice the forms of treatment, assessment of results achieved, recognizing the complications.

**Kreditérték:** 1

**Félév:** VI. spring

**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14GYDN2101

**Kurzus név:** Physiotherapy VI. (topic: Physiotherapy of Locomotors Diseases, Traumatology Physiotherapy)

**Kurzusleírás:** Course objective: The students will be able to perform a locomotoric examination associated with a given diagnosis, to compile a physiotherapy plan and to apply in practice the physiotherapy procedures learned. Requirement: the students have to be familiar with physiotherapeutic examination methods and the physiotherapy adapted to the individual trauma disorders.

**Kreditérték:** 1

**Félév:** VI. spring

**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14GYDN2102

**Kurzus név:** Physiotherapy VI. (topic: Physiotherapy of Locomotors Diseases, Traumatology Physiotherapy practice)

**Kurzusleírás:** Course objective: The students will be able to perform a locomotoric examination associated with a given diagnosis, to compile a physiotherapy plan and to apply in practice the physiotherapy procedures learned. Requirement: the students have to be familiar with physiotherapeutic examination methods and the physiotherapy adapted to the individual trauma disorders.
Kreditérték: 2  
Félév: VI. spring  
Kurzus nyelve: en

**Kurzus kód:** F-AB14GYDN2103  
**Kurzus név:** Physiotherapy VI. (topic: Physiotherapy of Locomotors Diseases, Traumatology  
Physiotherapy field practice)  
**Kurzusleírás:** Course objective: The students will be able to perform a locomotoric examination associated with a given diagnosis, to compile a physiotherapy plan and to apply in practice the physiotherapy procedures learned. Requirement: the students have to be familiar with physiotherapeutic examination methods and the physiotherapy adapted to the individual trauma disorders.

Kreditérték: 2  
Félév: VI. spring  
Kurzus nyelve: en

**Kurzus kód:** F-AB14GYDN2201  
**Kurzus név:** Physiotherapy VII. (topic: Physiotherapy of Locomotors Diseases,  
Physiotherapy of Surgery)  
**Kurzusleírás:** The basic objective is that students learn and independently use the procedures that can be performed in the pre and postoperative stages, the most frequently used medical procedures in surgery, as well as the general and specialized physiotherapy options.

Kreditérték: 1  
Félév: VI. spring  
Kurzus nyelve: en

**Kurzus kód:** F-AB14GYDN2202  
**Kurzus név:** Physiotherapy VII. (topic: Physiotherapy of Locomotors Diseases,  
Physiotherapy of Surgery practice)  
**Kurzusleírás:** The basic objective is that students learn and independently use the procedures that can be performed in the pre and postoperative stages, the most frequently used medical procedures in surgery, as well as the general and specialized physiotherapy options.

Kreditérték: 1
Kurzus kód: F-AB14GYDN2301
Kurzus név: Orthopaedics I. (topic: Locomotors Diseases)
Kurzusleírás: In physiotherapist training, the orthopedics has essential importance among the clinical subjects. The students will be acquainted with the congenital and acquired deformities of the musculoskeletal system, degenerative diseases of the joints, primary and secondary disorders of the musculoskeletal system, the acute and chronic diseases of the musculoskeletal system. The subject deals with physiotherapists’ tasks in diagnostics of various diseases, conservative and surgical treatment options, particularly in the processes of prevention and cure. It encourages the independent work by requiring participation from the students in the diagnosis of disease and having them to set up a treatment strategy in all of orthopedic diseases.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14GYDN2401
Kurzus név: Physiotherapy VIII. (topic: Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics)
Kurzusleírás: Course objective: To acquaint the students with physiotherapy aspects of orthopedic diseases. Requirements: students will learn the physiotherapy examination methods for the various diseases as well as the physiotherapy adapted to different orthopedic diseases.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14GYDN2402
**Kurzus név:** Physiotherapy VIII. (topic: Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics practice)
**Kurzusleírás:** Course objective: To acquaint the students with physiotherapy aspects of orthopedic diseases. Requirements: students will learn the physiotherapy examination methods for the various diseases as well as the physiotherapy adapted to different orthopedic diseases.
**Kreditérték:** 2
**Félév:** VI. spring
**Kurzus nyelve:** en

**Kurzus kód:** F-AB14GYDN2403
**Kurzus név:** Physiotherapy VIII. (topic: Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics field practice)
**Kurzusleírás:** Course objective: To acquaint the students with physiotherapy aspects of orthopedic diseases. Requirements: students will learn the physiotherapy examination methods for the various diseases as well as the physiotherapy adapted to different orthopedic diseases.
**Kreditérték:** 2
**Félév:** VI. spring
**Kurzus nyelve:** en

**Kurzus kód:** F-AB14GYDN2501
**Kurzus név:** Demonstration practice III. (topic: Physiotherapy of Locomotors Diseases, Physiotherapy of Neurology, Traumatological Physiotherapy)
**Kurzusleírás:** Longer-term, continuous, guided practical work, in a defined field of health care, practicing the independent professional activity.
**Kreditérték:** 3
**Félév:** VI. spring
**Kurzus nyelve:** en
Kurzus kód: F-AB14GYDN3101
Kurzus név: Physiotherapy X. (Physiotherapy of Locomotors Diseases, Rheumatologic Physiotherapy)
(Area: musculoskeletal disorders physiotherapy, rheumatological physiotherapy)

Kurzusleírás: The aim of the course is to describe the fundamentals and programs of physiotherapy treatment in certain disorders, examination methods for rheumatological physiotherapy. The students’ knowledge should involve the compilation and elaboration of the treatment programs of certain diseases or the definition of physiotherapy procedures applied in rheumatology. The students are able to apply the examination methods in rheumatology at skill level and write documentation, apply tests and elaborate treatments. They are able to form opinion on their own and formulate it in writing.

Kreditérték: 2
Félév: VI. spring
Kurzus nyelv: en

Kurzus kód: F-AB14GYDN2601
Kurzus név: Movement and massage therapy V. (topic: Physiotherapy of Neurological and Psychiatric Diseases)

Kurzusleírás: Understanding the principles of the Bobath method, acquiring its practice
Requirement: the students will be able to carry out the examination and treatment of adults with hemiparesis.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelv: en

Kurzus kód: F-AB14GYDN2602
Kurzus név: Movement and massage therapy V. (topic: Physiotherapy of Neurological and Psychiatric Diseases practice)

Kurzusleírás: Understanding the principles of the Bobath method, acquiring its practice
Requirement: the students will be able to carry out the examination and treatment of adults with hemiparesis.

Kreditérték: 1
Kurzus kód: F-AB14GYDN1301
Kurzus név: Clinical search methods and biostatistics II.
Kurzusleírás: The analytical understanding of phenomena and events thorough the use of research methods. Requirement: the students will be able to describe the performance of data collection, the survey editing, the essence of different statistical methods and the procedures by which they drew the conclusions.
Kreditérték: 2
Nursing

**Kurzus kód:** F-AB14ASZN2401  
**Kurzus név:** Pharmacology II. (pharmacology)  
**Kurzusleírás:** Study material: The aim is to provide reliable theoretical basis about the effects of medicines affecting the digestive and the central nervous system, about the pharmacology of endocrinology, about drugs influencing muscular operation. Students shall be able to keep safety precautions during the storing, preparation and dosing of medicines.  
**Guidelines.**  
**Competences:** Students shall be familiar with the effects of medicine groups, and shall be capable of applying their knowledge during their nursing and patient educational work. Based on local protocol and regulations students will be able to make orders of medicines, active agents and doses.  
**Kreditérték:** 3  
**Félév:** IV. spring  
**Kurzus nyelvé:** en

**Kurzus kód:** F-AB14ASZN2501  
**Kurzus név:** Basic clinical knowledge and propedeutics II. (basic clinical knowledge and propedeutics)  
**Kurzusleírás:** Study material: Learning clinic knowledge in an integrated form, according to the organ systems. Students shall become familiar with the general and special examining methods and procedures of internal medicine and surgery, they shall also be able to interpret and present them. Within the framework of this course students will acquire an overview on diagnostic, anamnestic and physical methods of patient examination, and will also learn about the followings in detail: acute coronary syndrome, chest pain, cardiac arrhythmia, circulatory insufficiency, pulmonary embolism, examination of respiratory system and its pathography, restrictive lung diseases, obstructive lung diseases, suffocating patient, examination of abdominal organs, acute abdominal pathography, differential-diagnostics of abdominal organs, neurological and psychiatric patient, unconscious patient: reasons, diagnosis, consequences, confused patient, neurological patient examination.  
**Kreditérték:** 1  
**Félév:** IV. spring  
**Kurzus nyelvé:** en
**Kurzus kód:** F-AB14ASZN2502  
**Kurzus név:** Basic clinical knowledge and propedeutics II. (basic clinical knowledge and propedeutics practice)  
**Kurzusleírás:** Study material: Learning clinic knowledge in an integrated form, according to the organ systems. Students shall become familiar with the general and special examining methods and procedures of internal medicine and surgery, they shall also interpret them in relation to cardiovascular, respiratory and gastrointestinal organ systems. Students shall become familiar with the basic elements of physical, standard laboratory, modern nuclear-medicinal and computer examinations. Students shall be provided an overview about the modes of diagnostic examinations used in disease diagnostics, their executional techniques and the received physiological results and differences.  
Competences: Student will be able for complex patient examination and to take medical history related to organ systems. Student will be able to use percussive, inspective, auscultative and palpative methods related to cardiovascular, respiratory, gastrointestinal, neurological, motoric, supporting, integumentive and lymbic organ systems during patient examination.  
**Kreditérték:** 4  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** F-AB14ADN0201  
**Kurzus név:** Internal medicine I. (clinical internal medicine theory)  
**Kurzusleírás:** Study material: Learning clinic knowledge in an integrated form, according to the authority systems. The aim is to learn the anatomical, physiological, pathophysiological, clinical and pharmacological knowledge related to each organ system, and integrating the diagnostics, therapy and prevention into the existing nursing knowledge. Thematics: basics of cardiology, creating and assessing EKG, inflammatory diseases of the heart, heart rhythm disorders, shock, breathing, upper respiratory diseases, mouth and esophagus diseases, organic stomach diseases, organic small intestine diseases, large intestine diseases, diseases of the liver, gall and pachreas.  
Competences: Student shall be able to efficiently use the correlations based on organ systems. Student shall be able to integrate the correlations between patient examination and therapy nursing methods.  
**Kreditérték:** 2
Kurzus név: Internal medicine I. (nursing theory)
Kurzus leírás: Study material: Learning clinic knowledge in an integrated form, according to the authority systems. The aim is to learn the anatomical, physiological, pathophysiological, clinical and pharmacological knowledge related to each organ system, and integrating the diagnostics, therapy and prevention into the existing nursing knowledge. Developing the professional nursing knowledge of the nurse.
Competences: recognizing cardinal symptoms, recognizing the consciousness of the patient, observing pain, measuring oxygen saturation (pulse oximetry), recognizing emergencies, assisting in parenteral medicine administration, transfusion, inserting intravenous infusion, complying with hygienic rules.
Kreditérték: 2

Kurzus név: Internal medicine I. (nursing practice)
Kurzus leírás: Study material: Learning clinic knowledge in an integrated form, according to the authority systems. The aim is to learn the anatomical, physiological, pathophysiological, clinical and pharmacological knowledge related to each organ system, and integrating the diagnostics, therapy and prevention into the existing nursing knowledge. Developing the professional nursing knowledge of the nurse.
Competences: recognizing cardinal symptoms, recognizing the consciousness of the patient, observing pain, measuring oxygen saturation (pulse oximetry), recognizing emergencies, assisting in parenteral medicine administration, transfusion, inserting intravenous infusion, complying with hygienic rules.
Kreditérték: 3
Kurzus kód: F-AB14ADN0301
Kurzus név: Surgery I. (clinical internal medicine-theory)
Kurzusleírás: Study material: Students shall know the healthcare and social institution system regarding the theme of surgical clinic, the operation of the healthy body, the ethiological factors of health hazards, the possibilities of their prevention, the important morphological and functional characteristics and pathomechanisms of these, the examination methods used in the diagnostics of the common diseases, the treatment methods of the common diseases, possibilities of prevention and rehabilitation, the nosocomial diseases occurring in patient care (healthcare), the prevention and relief of these, and hygienic rules.
Competences: Student shall be able to provide help related to the clinic, accessing healthcare and social services, recognizing the unique needs of the patient, professionally performing their tasks based on the priorities, cooperate in the design, development and performance of healthcare and social services, assist in choosing the nursing models and perform those.
Kreditérték: 2
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN0302
Kurzus név: Surgery I. (nursing theory)
Kurzusleírás: Study material: Students shall know the healthcare and social institution system regarding the theme of surgical clinic, the operation of the healthy body, the ethiological factors of health hazards, the possibilities of their prevention, the important morphological and functional characteristics and pathomechanisms of these, the examination methods used in the diagnostics of the common diseases, the treatment methods of the common diseases, possibilities of prevention and rehabilitation, the nosocomial diseases occurring in patient care (healthcare), the prevention and relief of these, and hygienic rules.
Competences: Student shall be able to provide help related to surgical nursing, accessing healthcare and social services, recognizing the unique needs of the patient, creating nursing diagnosis and professionally performing their tasks based on the priorities, cooperate in the design, development and performance of healthcare and social services, assist in choosing the nursing models and perform those, gather and use the necessary information and resources for the nursing process.
Kreditérték: 2
Félév: IV. spring
**Kurzus nyelve:** en

**Kurzus kód:** F-AB14ADN0303

**Kurzus név:** Surgery I. (nursing practice)

**Kurzusleírás:** Study material: Students shall know the healthcare and social institution system regarding the theme of surgical clinic, the operation of the healthy body, the ethiological factors of health hazards, the possibilities of their prevention, the important morphological and functional characteristics and pathomechanisms of these, the examination methods used in the diagnostics of the common diseases, the treatment methods of the common diseases, possibilities of prevention and rehabilitation, the nosocomial diseases ocuring in patient care (healthcare), the prevention and relief of these, and hygienic rules. Competences: Student shall be able to provide help related to surgical nursing, accessing healthcare and social services, recognizing the unique needs of the patient, creating nursing diagnosis and professionally performing their tasks based on the priorities, cooperate in the design, development and performance of healthcare and social services, assist in choosing the nursing models and perform those, gather and use the necessary information and resources for the nursing process.

**Kreditérték:** 3

**Félév:** IV. spring

**Kurzus nyelve:** en

**Kurzus kód:** F-AB14ADN0304

**Kurzus név:** Surgery I. (clinical practice)

**Kurzusleírás:** Study material: Students shall become familiar with the special nursing protocolls of the surgical department, their nursing standards, and shall acquire practice in the implementation of these. Students shall know the healthcare and social institution system regarding the theme of surgical clinic, the operation of the healthy body, the ethiological factors of health hazards, the possibilities of their prevention, the important morphological and functional characteristics and pathomechanisms of these, the examination methods used in the diagnostics of the common diseases, the treatment methods of the common diseases, possibilities of prevention and rehabilitation, the nosocomial diseases occuring in patient care (healthcare), the prevention and relief of these, and hygienic rules. Competences: Student shall be able to provide help related to surgical nursing, accessing healthcare and social services, recognizing the unique needs of the patient, creating nursing
diagnosis and professionally performing their tasks based on the priorities, cooperate in the
design, development and performance of healthcare and social services, assist in choosing the
nursing models and perform those, gather and use the necessary information and resources for
the nursing process.

Kreditérték: 4
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN0901
Kurzus név: Neurology (clinical neurology theory)
Kurzusleírás: Study material:
Students will be familiar with neurological disorders, their symptomatology, and applied
therapies.
They are to acquire knowledge about the newest diagnostic procedures and their applications.
Theme: field of neurology on medicine, anatomy and physiology of central and peripheral
nervous system, examination of a neurological patient, stroke, central nervous system
tumours, central nervous system inflammations, autoimmune diseases of the central immune
system, epilepsy, headache, degenerative central nervous system diseases, Parkinson's
disease and Parkinson's plus, neuromuscular diseases
Competences:
Student shall be able to properly synthesize their anatomical and neurological knowledge in
the process of learning the reasons and symptoms of neurological diseases
Student shall be able to integrate the special nursing correlations of therapeutic methods and
neurological patient examinations.
Student shall be able to recognize side effects of pharmacons used for the treatment of
neurological patients.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14ADN0902  
**Kurzus név:** Neurology (nursing theory)  
**Kurzusleírás:** Study material: Students shall be familiar with the tasks of recognizing, diagnosing and treating nervous system diseases. 
Competences: Student shall be able to use their neurological professional knowledge in practice. Student shall be able to integrate the special nursing correlations of therapeutic methods and neurological patient examinations. Student shall be able to recognize side effects of pharmacons used for the treatment of neurological patients. 
**Kreditérték:** 1  
**Félév:** VI. spring  
**Kurzus nyelve:** en

**Kurzus kód:** F-AB14ADN0903  
**Kurzus név:** Neurology (nursing practice)  
**Kurzusleírás:** Study material:  
- Practical application of clinic knowledge whilst taking the specifications into account.  
- Learning work procedures, especially introducing patients, clinical examinative and therapeutic procedures (EEG, chosen answers, Doppler, imaging procedures, laboratory analytic procedures).  
- Tools and techniques used for examination regarding neurological patients.  
- Professional care of an unconscious patient.  
- Proper mobilization of patients with limited movement, application of modern nursing and medical tools, preventing complications.  
- Using anticoagulant therapy in the field of neurology.  
- Using aseptic technique on neurological infectious diseases.  
- Recognizing diseases causing seizures, planning and executing care plan.  
- Creating a five-column care plan for a chosen patient using the NANDA care diagnoses.  
**Kreditérték:** 2  
**Félév:** VI. spring  
**Kurzus nyelve:** en
**Kurzus kód:** F-AB14ADN0904  
**Kurzus név:** Neurology (clinical practice)  
**Kurzus leírás:** Study material: Students shall become familiar with the special nursing protocols of the neurological department, their nursing standards, and shall acquire practice in the implementation of these.

Competences: Student shall be able to properly synthesize their anatomical and neurological knowledge in the process of learning the reasons and symptoms of neurological diseases. Student shall be able to integrate the special nursing correlations of therapeutic methods and neurological patient examinations. Student shall be able to recognize side effects of pharmacons used for the treatment of neurological patients. Student shall be able to practically use their theoretical knowledge. Student shall possess the abilities of safe patient care as a team member by examining a patient in a neurological disease state and by therapeutic intervention.

**Kreditérték:** 3  
**Félév:** VI. spring  
**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14ADN1001  
**Kurzus név:** Obstetrics and gynecology I. (obstetrics and gynecology clinical theory)  
**Kurzus leírás:** Study material: Presenting the most important theoretical, practical and specialized care knowledge of the most important elements of obstetrics - gynecology in order to allow the students to consciously use their professional knowledge in their later work in every stage of the life of women they provide care / nursing for, and so that they will be able to make professional advise on all fields of obstetrics - gynecology. Furthermore, based on their new knowledge, they will be able to learn new skills.

Competences: Students shall learn the possibilities, limitations and tools of modern obstetrics and gynecology. Student shall learn and know the symptomatology of a patient in obstetrics - gynecology, shall be able to recognize and treat different situations and diseases. Student shall know the newest professional literature that aims for development.

**Kreditérték:** 1  
**Félév:** VI. spring  
**Kurzus nyelve:** en
Kurzus kód: F-AB14ADN1002  
Kurzus név: Obstetrics and gynecology I. (nursing theory)  
Kurzusleírás: Study material: Knowledge of women's care and nursing regarding their health and disease and obstetrics - gynecology, and, based on that, care and nursing a woman and gynecological patient during pregnancy and perinatal periods.  
Theme: overall anatomical, physiological, pathophysiological and clinical grouping, nursing tasks of pregnant women's examination, chronic pregnancy, signs of labour, ending surgeries, newborn care, obstetrics anaesthetics, rehabilitation opportunities, perioperative nursing tasks, gynecological surgeries, bleeding disorders, inflammatory diseases of women's genitalia.  
Competences: Student shall know the symptoms of obstetric - gynecologic diseases, and shall be able to provide proper care to those, considering the newest regulations of the profession. Knows the preventive actions of the diseases and properly practices those whilst providing care. Conducts health promoting activities and client education. Able to create care plan, and documenting the patient's problems with a NANDA-type diagnosis.  
Kreditérték: 2
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1003  
Kurzus név: Obstetrics and gynecology I. (nursing practice)  
Kurzusleírás: Study material: Students shall become familiar with the special nursing protocolls of the obstetrics and gynecologic department, their nursing standards, and shall acquire practice in the implementation of these.  
Theme: nursing tasks of examining a pregnant woman, special aspects of pregnant women advise, physiological and chronic childbed, signs of labour, ending surgeries, infant care, process specifics of nursing, rehabilitation possibilities, nursing tasks of perioperative departments, gynecologic surgeries, inflammatory diseases of women's genitalia, infertility.  
Competences: Student shall be able to practically use the theoretical correlations. Student shall be able to recognize and treat diseases and implement the newest professional knowledge. Students shall conduct client-education and prepare nursing-plan using NANDA nursing diagnosis.  
Kreditérték: 4
Félév: VI. spring
Kurzus nyelve: en
Kurzus kód: F-AB14ADN1004
Kurzus név: Obstetrics and gynecology I. (clinical practice)
Kurzusleírás: Study material: Students shall become familiar with the special nursing protocols of the obstetrics and gynecologic department, their nursing standards, and shall acquire practice in the implementation of these.
Competences: Student shall be able to practically use the theoretical correlations. Student shall be able to recognize and treat diseases and implement the newest professional knowledge. Students shall conduct client-education and prepare nursing-plan using NANDA nursing diagnosis.
Kreditérték: 0
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1101
Kurzus név: Infant medicine and pediatrics I. (infant medicine and pediatrics clinical theory)
Theme: neonatology, infant feeding - feeding disorders, growth and development, endocrinology, airway infection and immunological diseases, cardiology - haematology - gastroenterology, nervous system diseases, kidney and urinary diseases
Competences: Student shall learn and know the symptomatology of an infant and child, shall be able to recognize and treat different infant and child diseases. Student shall know the newest professional literature that aims for development.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
Kurzus kód: F-AB14ADN1102
Kurzus név: Infant medicine and pediatrics I. (nursing theory)
Kurzus leírás: Study material: Knowledge of infants' and children's physiology and diseases, pediatrics, care and nursing knowledge, care and nursing of premature infants, infants, healthy and ill infants and children based on these knowledge.
Theme: anatomical-, physiological-, pathophysiological-, and clinical overview grouping, specialized care tasks of healthy infants and children care, transporting premature infants, infant development disorders, clinical acceptance of a sick child, breathing disorders in infancy, hypoxic statuses, apnoe, cardiopulmonary resuscitation, inhalation and climate therapy, special tasks in case of digestive tract diseases, observing and sampling secretions, nutritional tasks, medication, enema, stomach washing, urogenital diseases, special care activities for diseases causing homeostatic disorders, patient monitoring, status eximananation, diagnostic assessment, endocrin diseases: diabetes mellitus, galactosaemia, phenylketonuria, screenings, diagnostic examinations of nervous systems diseases, punctions, haematologic diseases, transfusion, providing care for tumour patients.
Competences: Student shall know the symptoms of infant and child diseases, and shall be able to provide proper care to those, considering the newest regulations of the profession. Knows the preventive actions of the diseases and properly practices those whilst providing care. Conducts health promoting activities and client education. Able to create care plan, and documenting the patient's problems with a NANDA-type diagnosis.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1103
Kurzus név: Infant medicine and pediatrics I. (clinical practice)
Kurzus leírás: Study material: Students shall become familiar with the special nursing protocols of infant care and pediatrics, their nursing standards, and shall acquire practice in the implementation of these. Knowledge of premature babies and infants. Healthy and ill babies' and children's complex nursing and care tasks, including prevention.
Competences: Student shall be able to practically use the theoretical correlations. Student shall be able to recognize and treat diseases and implement the newest professional knowledge. Students shall conduct client-education and prepare nursing-plan using NANDA nursing diagnosis.
Kreditérték: 0
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1201
Kurzus név: Psychiatry I. (psychiatry clinical theory)
Kurzusleírás: Study material: Teaching the forms, symptomatology and classifications of psychiatric diseases to the students. Teaching knowledge necessary to be able to provide care for psychiatric patients. Student shall be able to use their psychiatric professional knowledge.
Thematics: Definition and short story of psychiatrics, disorders in thinking and consciousness, disorders of memory and attention, dynamic views and introductory symptoms of important psychiatric diseases, schizophrenia, paranoid psychoses, mood disorders, anxiety disorders, stress disorders, psychosomatic disorders, personality disorders, addictions, oligophrenia, dementia, psychiatric rehabilitation, mentalhygiene knowledge
Competences: Student shall be able to integrate the special nursing correlations of therapeutic methods and psychological patient examinations. Student shall be able to recognize side effects of pharmacons used for the treatment of psychiatric patients.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1202
Kurzus név: Psychiatry I. (nursing theory)
Kurzusleírás: Study material:
Students shall learn the forms, symptomatology and classifications of psychiatric diseases to the students. Students shall have knowledge required to be able to provide care for psychiatric patients, recognize their needs by themselves, provide personality-based care, documentation, and take part in teamwork.
Competences: Student shall be able to use their psychiatric knowledge in practice.
The student is able to:

- examine the status and care needs of the patient, create a plan based on these, and provide patient care based on that plan, considering specialized care criteria.
- conduct care tasks during the patient's physical, instrumental and laboratory inspections.
Prepare and assist in therapeutic procedures regarding acute and permanent psychiatric treatments.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1203
Kurzus név: Psychiatry I. (nursing practice)
Kurzusleírás: Study material: Students shall become familiar with the special nursing protocolls of the psychological department, their nursing standards, and shall acquire practice in the implementation of these.
Competences: Student shall be able to use their psychiatric professional knowledge in practice. Student shall be able to practically use their theoretical knowledge. Student shall be able to integrate the special nursing correlations of therapeutic methods and psychological patient examinations. Student shall be able to recognize side effects of pharmacons used for the treatment of psychiatric patients.
Kreditérték: 3
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1204
Kurzus név: Psychiatry I. (clinical practice)
Kurzusleírás: Study material: Students shall become familiar with the special nursing protocolls of the psychological department, their nursing standards, and shall acquire practice in the implementation of these.
Competences: Student shall be able to use their psychiatric professional knowledge in practice. Student shall be able to practically use their theoretical knowledge. Student shall possess the abilities of safe patient care as a team member by examining a patient in a psychological disease state and by therapeutic intervention.
Kreditérték: 0
Félév: VI. spring
Kurzus nyelve: en
**Kurzus kód:** F-AB14ADN1301  
**Kurzus név:** Research methodology and biostatistics II. (biostatistics)  
**Kurzusleírás:** Study material: During this course, students will learn the theoretical basics, application areas and limitations of basic statistical methods used during the processing of databases generated during epidemiological examinations. Practice the creation and testing of models necessary to achieve individual examination goals. The course program includes the theoretical background and practical aspects of mean value metrics, chi-square test, average and frequency confidence interval, one-, and two-sample t-test, calculating correlation and regression, analysing ranked data.  

Competences: The student is capable of/able to:  
- creating a database,  
- use the descriptive statistical methods and mathematical test described above in practice on a skill-based level,  
- process data and make statistical calculations with Excel and SPSS programme set on a skill-based level.  
- Use and present the results of these calculations

**Kreditérték:** 2  
**Félév:** VI. spring  
**Kurzus nyelve:** en

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**Kurzus kód:** F-AB14ADN1401  
**Kurzus név:** Oncology (oncology clinical theory)  
**Kurzusleírás:** Study material: Etiology and epidemiology of tumorous diseases. Prevention. Screenings. Symptoms. Diagnostics of tumours. Curative and palliative treatment opportunities of tumours. The aim is to teach the factors involved in the formation of cancers to the students and their preventive opportunities. They should be informed about the symptoms and examination of tumours. They should know the treatment opportunities.  
Theme: stage ranking, head and neck tumours, lung tumours, skin tumours, bone and soft tissue tumours, brest tumours, gynecological tumours, digestive system tumours, brain tumours, urological tumours, emergency conditions in oncology  

Competences: Student shall learn and know the symptomatology of a patient recieving oncological care, shall be able to recognize and treat different diseases. Student shall know the newest professional literature that aims for development.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14ADN1402
Kurzus név: Oncology (nursing theory)
Kurzusleírás: Study material: Field and tasks of oncological specialized care. Treatment of cancerous patients in a modern aspect. Chemotherapy Specialities of providing care to patients suffering from head-neck tumours. Specialities of providing care to patients suffering from stomach digestive systems tumours. Specialities of providing care to patients suffering from bone-, joint and hematopoetic system tumours. Specialities of providing care to patients suffering from brain or sensory organ tumour. Rehabilitation (psychic, physical). The relevance of team work during tumorous patient nursing.

Competences: Students shall learn the main aspects of patient care after the oncologic treatment, and the nursing tasks of different reactions and any possible side effects. They shall be aware of the contents, mixing conditions and health and safety regulations of products containing chemotherapeutic substances. They should have a basic knowledge on the most cardinal oncopsychological problems, be able to recognize them, and direct a patient to a professional.

Student shall know the symptoms occuring during oncologic treatment, and shall be able to provide proper care to those, considering the newest regulations of the profession. Knows the preventive actions of the diseases and properly practices those whilst providing care.

Conducts health promoting activities and client education. Able to create care plan, and documenting the patient's problems with a NANDA-type diagnosis.

Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
Kurzus kód: F-AB14ADN1403
Kurzus név: Oncology (nursing practice)
Kurzusleírás: Study material: Treatment of tumorous patients in a modern aspect. Consequences of chemotherapy and radiotherapy, special nursing tasks, offering lifestyle guidance. Special tasks in nursing patients with head or neck tumour. Special tasks in nursing patients with gastrointestinal tumour. Special tasks in nursing patients with osteo-articulatory or hematic organ tumours. Special tasks in nursing patients with brain or sensory organ tumour. Rehabilitation (psychic, physical). The relevance of team work during tumorous patient nursing. Students shall become familiar with special nursing duties at the respective oncology department. Observing and acquiring the special nursing activities at the respective department. Learning nursing documentation of the respective department. Learning the protocols applied at the department. Participating in the daily work at the department, observing special nursing tasks. Learning the oncotherapeutic principles applied at the department.
Task: student shall be able to use the theoretical knowledge during practice.
Competences: Student shall be able to apply theoretical correspondences in practice. Students shall recognize and manage diseases, they shall be able to put up-to-date professional knowledge in practice. Students shall conduct client-education and prepare nursing-plan using NANDA nursing diagnosis.
Kreditérték: 2
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14AVN0701
Kurzus név: Applied management II. (health care management, quality assurance)
Kurzusleírás: Informative description of the acquired knowledge and competencies. Knowledge: Students should understand the main lines of management and care management. Understand the fundamentals of team work and gain insight into conflict management fundamentals. Learn about the principles of healthcare, funding, and the organization of nursing care.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
Kurzus kód: F-AB14AVN0801
Kurzus név: Nursing skills III. (nursing models in practice)
Kurzusleírás: Traditional models of nursing practice. Nursing model based on life-style. The
adaptation nursing model, the self-sufficient nursing model. The system model. The
interaction nursing model. Developmental Care Model.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: F-AB14AVN0802
Kurzus név: Nursing skills III. (nursing models in practice-practice)
Kurzusleírás: Traditional models of nursing practice. Nursing model based on life-style. The
adaptation nursing model, the self-sufficient nursing model. The system model. The
interaction nursing model. Developmental Care Model.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en
**Midwifery**

**Kurzus kód:** AB14SZSZN2701  
**Kurzus név:** Complementary medicine I. (basic alternative treatment and care in obstetrics and gynaecology)  
**Kurzusleírás:** To establish a way of thinking reflecting the holistic approach of healing. Understanding areas of alternative medicine (natural healing, modern therapies) defined in the government regulations and the Ministerial Decree, that are proved and there is a social demand for their application. Presentation of modern alternative therapies. Recognizing the limits of competence, determining the limits of application for prevention, rehabilitation and remission. The students will be able to:  
apply the basic methods of alternative medicine based on the guidance of a physician or naturopath, to maintain to maintain or restore the health of individuals by transforming their lifestyle.  
They will know the basic differences between the methods of alternative medicine, be able to communicate the related information to those interested.  
Within the phytotherapy they will be well acquainted with aromatherapy, herb therapy and element therapy that can be carried out by non-professionals as well.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0201  
**Kurzus név:** Neonatal reanimation  
**Kurzusleírás:** The students will learn about the tools used in the neonatal resuscitation, medicines and the process of resuscitation. They will learn about the techniques of neonatal resuscitation, they should be able to independently apply reanimation. They will be proficient in the theoretical background of resuscitation, indications and execution.  
**Kreditérték:** 1  
**Félév:** IV. spring  
**Kurzus nyelve:** en
**Kurzus kód:** AB14SZDN0202  
**Kurzus név:** Neonatal reanimation (neonatal reanimation practice)  
**Kurzusleírás:** The students will learn about the tools used in the neonatal resuscitation, medicines and the process of resuscitation. They will be familiar with the theory and practice of basic neonatal resuscitation procedures. They have to have adequate interpersonal, and empathic skills.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0301  
**Kurzus név:** Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Obstetrics and gynaecology nursing theory I. )  
**Kurzusleírás:** Based on their knowledge they will be able to pursue the profession of midwifery as a vocation and to apply in practice the competencies outlined in the legislation. They will be familiar with the theory and practice of basic obstetric and gynecological care tasks and procedures. They have to have adequate interpersonal, and empathic skills.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0302  
**Kurzus név:** Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Obstetrics and gynaecology nursing theory I. practice )  
**Kurzusleírás:** They will be able to put into practice what they have learned in theory.  
**Kreditérték:** 3  
**Félév:** IV. spring  
**Kurzus nyelve:** en
Kurzus kód: AB14SZDN0303
Kurzus név: Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Obstetrics I.)
Kurzusleírás: The aim is to provide students with modern obstetrical skills to prepare them for applying their knowledge in their work for the benefit of women, their children and families.
Subject programme:
- The history of obstetrics, the history of training of midwives.
- The past of midwifery activities and organization.
- The anatomy and function of the reproductive organs
- Pregnancy and its recognition.
- The effect of pregnancy on maternal body (physiology of pregnancy).
- Abnormal pregnancy
- Prenatal diagnosis
They will be able to fill the role of midwife: to provide care for pregnant women, to conduct an independent physiological childbirth, to provide care to the neonate, to recognize and to provide proper care according to medical standards in case of pathological cases. The course will provide theoretical foundations for the acquisition of practical skills.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN0304
Kurzus név: Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Obstetrics I. practice)
Kurzusleírás: Practicing those learned within the frames of obstetrics and nursing subjects.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en
Kurzus kód: AB14SZDN0305
Kurzus név: Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Gynaecology I.)
Kurzusleírás: The course aims to provide current gynecology knowledge according to the present state of the medicine and nursing and to prepare the students to apply those learned when providing care for the female patients. Inflammatory diseases of the female reproductive organs. The disturbances of menstruation (bleeding disorders). Gynecological benign and malignant tumors. Position changes of the uterus. Sterility (infertility). The climacteric, osteoporosis. Psychosomatics in obstetrics and gynecology. The course will provide theoretical foundations for the acquisition of practical skills. With their gynecological knowledge they will be able to carry out awareness-raising activities.
Kreditérték: 1
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN0306
Kurzus név: Obstetrics and gynaecology I. (obstetrics and gynaecology clinical theory, nursing theory and psychiatry of nursing)/(Gynaecology I. practice)
Kurzusleírás: Learning the gynecology tasks and carrying them out in proficient manner by the end of studies.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN0401
Kurzus név: Infant medicine and pediatrics I. (physiological states and diseases of infant medicine and pediatrics)
Kurzusleírás: The course aims to provide the students with advanced skills in pediatrics to perform the professional activities of a neonatal midwife. They will be familiar with the basic pediatry-related physiological states and diseases, both in theory and practice. They have to have adequate interpersonal, and empathic skills.
Kreditérték: 3
Félév: IV. spring
Kurzus nyelve: en
**Kurzus kód:** AB14SZDN0501  
**Kurzus név:** Neonatology (physiological and intensive neonatal care)  
**Kurzusleírás:** The course aims to provide the students with advanced skills in neonatal and infant care and to perform the professional activities of a neonatal midwife.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0601  
**Kurzus név:** Neonatal ward practice (childbed and "rooming-in")  
**Kurzusleírás:** The students will practise those learned during their theoretical nursing care training. They will learn and adhere to the operation schedule and hygiene rules of the newborn ward.  
**Kreditérték:** 1  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0701  
**Kurzus név:** Immunology (immunology)  
**Kurzusleírás:** The course will get the students acquainted with the immunopathological mechanisms that play a role in the development of immunological disorders.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0801  
**Kurzus név:** Transcultural nursing (transcultural nursing and earing needs)  
**Kurzusleírás:** The structure and operation of the nursing systems, nursing culture and subculture and its alternative medicine, methods of nursing. Relationship between the phenomena related to healthcare interventions and the culture.  
**Kreditérték:** 1  
**Félév:** IV. spring  
**Kurzus nyelve:** en
**Kurzus kód:** AB14SZDN0802  
**Kurzus név:** Transcultural nursing (transcultural nursing and earing needs practice)  
**Kurzus leírás:** The structure and operation of the nursing systems, nursing culture and subculture and its alternative medicine, methods of nursing. Relationship between the phenomena related to healthcare interventions and the culture.  
**Kreditérték:** 2  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN0901  
**Kurzus név:** Health psychology III. (social psychology)  
**Kurzus leírás:** Increasing the professional competence. The acquisition of established professional and practical skills that can help interpret the regularities of human behavior and interactions.  
**Kreditérték:** 1  
**Félév:** IV. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZSZN3101  
**Kurzus név:** Clinical knowledges II. (dermatology, orthopaedics)  
**Kurzus leírás:** DERMATOLOGY: Learning the proper skincare of neonate, infants and children. ORTHOPEDICS: Understanding the functional anatomy of the supporting and movement apparatus, designed primarily to recognize the most common orthopedic disorders in infants.  
**Kreditérték:** 2  
**Félév:** VI. spring  
**Kurzus nyelve:** en

**Kurzus kód:** AB14SZDN1701  
**Kurzus név:** Transfusiology (transfusiology)  
**Kurzus leírás:** The students will get acquainted with the basic hematology and hemostaseological, the related basic immunology, the mechanism of blood formation, the various coagulopathies and thrombosis-predisposing factors.  
**Kreditérték:** 2
Kurzus név: Transfusiology (transfusiology practice)
Kurzus leírás: The students will get acquainted with the basic hematology and hemostaseological, the related basic immunology, the mechanism of blood formation, the various coagulopathies and thrombosis-predisposing factors. They will be familiar with the basics of blood donation and blood transfusion theory and practice. They have to have adequate interpersonal, and empathic skills.

Kreditérték: 3

Kurzus név: Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbirth)/Obstetrics and gynaecology nursing theory III.
Kurzus leírás: To provide the students with the necessary modern practice to enable them to follow their vocation. Prepare them to be able to carry out the obstetrics-gynecology and newborn care tasks pertaining to their competence. Based on their knowledge they will be able to pursue the profession of midwifery as a vocation.

Kreditérték: 2

Kurzus név: Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbirth)/Obstetrics and gynaecology nursing theory III. practice
Kurzus leírás: The students will be familiar with the special nursing protocols of the gynecology and obstetrics ward, standards of care and they will also be trained in their implementation. They will be able to put into practice what they have learned in theory.

Kreditérték: 4
**Kurzus kód:** AB14SZDN1803  
**Kurzus név:** Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbirth)/Obstetrics III.  
**Kurzusleírás:** The aim is to provide modern obstetrical skills to students to prepare them so that they can apply their knowledge in their work for the benefit of women, their children and families. They will be able to fill the role of midwife: to provide care for pregnant women, to conduct an independent physiological childbirth, to provide care to the neonate, to recognize and to provide proper care according to medical standards in case of pathological cases. The course will provide theoretical foundations for the acquisition of practical skills.  
**Kreditérték:** 1  
**Félév:** VI. spring  
**Kurzus nyelve:** en

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**Kurzus kód:** AB14SZDN1804  
**Kurzus név:** Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbirth)/Obstetrics III. practice  
**Kurzusleírás:** To learn obstetrical tasks and carry them out in a proficient manner by the end of their studies. Practicing those learned within the frames of obstetrics and nursing subjects.  
**Kreditérték:** 4  
**Félév:** VI. spring  
**Kurzus nyelve:** en

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**Kurzus kód:** AB14SZDN1805  
**Kurzus név:** Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbirth)/Gynaecology III.  
**Kurzusleírás:** The course aims to provide current gynecology knowledge according to the present state of the medicine and nursing and to prepare the students to apply those learned when providing care for the female patients. Using diagnostic services during obstetrical and gynecological care (laboratory, imaging, pathology diagnostics). Instrumental examination in obstetrics and gynaecology (CTG, ASK, GHG, pH test, colposcopy, hysteroscopy, laparoscopy). Instrumental interventions and surgeries in the obstetrics and gynecology (abrasion; laminaria insertion; D&C, obstetric surgery, gynecological surgery). The course will provide theoretical foundations for the acquisition of practical skills. With their gynecological knowledge they will be able to carry out awareness-raising activities.
Kreditérték: 1
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN1806
Kurzus név: Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbed)/Gynaecology III. practice
Kurzusleírás: Learning the gynecology tasks and carrying them out in proficient manner by the end of studies. Practicing those learned within the frames of obstetrics and nursing subjects.
Kreditérték: 4
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN1901
Kurzus név: Obstetrics and gynaecology IV. (specialty wards for placental pathology and gynaecology, family protection services practice/Obstetrics IV.)
Kurzusleírás: Possessing a solid theoretical knowledge both as a midwife at the Nővédelmi Gondozó (Women’s Care), as well as at the maternity and pediatric wards, etc, that makes him/her able to advise. Acquiring skills that enable them to independently they will perform their midwife activities on specific areas (health and preventive institutions). With these skills they will be able to organize informative dissemination programmes on family planning outside the educational institutions, within the Family Protection Service operating within the framework of the National Public Health and Medical Officer Service Institutions. Family Protection Caregiver’s tasks (in particular the legal supervision, legal knowledge, information, counseling, managing activities).
Kreditérték: 2
Félév: VI. spring
Kurzus nyelve: en
Kurzus kód: AB14SZDN1902
Kurzus név: Obstetrics and gynaecology IV. (specialty wards for placental pathology and gynaecology, family protection services)/Obstetrics IV. practice
Kurzusleírás: Possessing a solid theoretical knowledge both as a midwife at the Nővédelmi Gondozó (Women’s Care), as well as at the maternity and pediatric wards, etc., that makes him/her able to advise. With these skills they will be able to organize informative dissemination programmes on family planning outside the educational institutions, within the Family Protection Service operating within the framework of the National Public Health and Medical Officer Service Institutions. The students will be able to carry out independently the Family Protection Caregiver’s tasks (in particular the legal supervision, legal knowledge, information, counseling, managing activities).
Kreditérték: 3
Félév: VI. spring
Kurzus nyelve: en

Kurzus kód: AB14SZDN1301
Kurzus név: Research methodology and biostatistics II. (ik: biostatistics)
Kurzusleírás: They will be familiar with the basic theory of research methods. The students will acquire appropriate knowledge in planning, execution and evaluation of the independent research. To write a thesis of an appropriate level and defend it.
Kreditérték: 2
Félév: VI. spring
Kurzus nyelve: en
Sport, recreation and physical activity

Kurzus név: Table Tennis (Pécs)
Kurzusleírás: Students learn the basic skills for table tennis, such as warming up, the importance of foot work, basic strokes (the drive, the push, the block, the smash), the basic service, the tactics and strategies.
Kreditérték: 4
Félév: spring/autumn
Kurzus nyelve: en

Kurzus név: Basketball (Pécs)
Kurzusleírás: Students learn methods and movement of some sport games and also their possibilities to convert them to recreational activities. The students get opportunities to acquire various knowledge and application of Collective Sports Games teaching methods as well.

Topics of the practical course:
- Description of requirements
- Game and competition rules
- Collective sports games education process, structure
- Skill development (with and without ball)
- Teaching methods of basketball
- Basic movements of basketball
- Various basketball games. How could we use the tools of basketball in recreation?
- Teaching methods of baseball
- Basic movements of baseball
- Various baseball games. How could we use the tools of baseball in recreation?
- Relay races and competitive games, especially with the tools of sport games
- The floorball in the recreation
- The various possibilities of floorball in the competitive and relay games
- Independent teaching skills development
Kreditérték: 4
Félév: spring
Kurzus nyelve: en

Kurzus név: Martial Arts (Pécs)

Kurzusleírás: The students will get acquainted in the „Martial art” course with fall and roll techniques, basic throw and hold techniques of judo. They also learn several couple, team and group fighting games and exercises.

In the theoretical part of the course the students learn about the basic theoretical background of martial arts, definitions, about the characteristics and history of several combat sport, and martial art (judo, karate, aikido, wrestling).

They will get acquainted with the rules of accident prevention, they know the rules of organizing and construction the martial arts/ combat sport lessons.

The aim of the practical part is to give a comprehensive aspect about the engagement possibility of martial arts (fight games, self defense exercises, judo techniques)

At the end of the course the students are able to do the special warm up gymnastics and exercises of martial arts / and combat sports.

They are able to do the judo roll and fall techniques, they know several fighting games, and they are able to conduct and organize of fighting games. They know the rules of teaching the games and techniques.

They acquire the basic of combat trough simplified mini fighting exercises.

Topics of the practical course:
- About of conceptions: budo, martial arts, combat sport.
- The basic characteristic of martial arts/ combat sports. The assortment of combat sports.
- Special warm up gymnastic exercises in combat sports.
- Fighting games and exercises I.
- Fighting games and exercises II.
- Fighting games and exercises III.
- Judo breakfalls (ukemi waza): ushiro ukemi (rear breakfalls); yoko ukemi (side breakfalls); mae ukemi (front breakfalls). Methodology of teaching breakfalls.
- Judo: Rolling techniques of judo. mae mawari/ushiro mawari ukemi (rolling breakfalls forward / backward). Methodology of teaching rolling techniques.
- Grappling techniques of judo (osaekomi waza). Hold-down techniques (4 techniques).
- Throwing techniques of judo I. (nagewaza): ogoshi
- Throwing techniques of judo II. (nagewaza): osotogari

Kreditérték: 4
Félév: spring
Kurzus nyelve: en

Kurzus név: Volleyball (Pécs)
Kurzusleírás: Give the possibility to the students to meet methods and movement of volleyball and also their possibilities to convert them to the recreation. The students get opportunities to acquire various knowledge and application of Volleyball teaching methods in the recreation

Topics of the practical course:
- Description of requirements
- Game and competition rules
- Skill development (with and without ball)
- Teaching methods of volleyball
- Basic movements of volleyball
- Various volleyball games. How could we use the tools of volleyball in recreation?
- Independent teaching skills development
- Independent practical presentations

Kreditérték: 4
Félév: spring
Kurzus nyelve: en
Kurzus név: Swimming
Kurzusleírás: Students acquire theoretical and practical knowledge to understand the basic rules of human motion in the water. Students will be able to teach basic swimming techniques and to develop swimming performance from practical and theoretical aspects of coaching.

Topics of the practical course:
- Description of requirements
- Basic rules of fluid mechanics, friction and generating force
- Get started in the water, flotation, gliding
- Basic technics of breaststroke
- Basic technics of front crawl
- Basic technics of backstroke
- Basic technics of butterfly stroke
- Teaching methods of swimming
- Various games in the water.
- Principles of coaching

Kreditérték: 2
Félév: spring
Kurzus nyelve: en