UNIVERSITY OF PÉCS
Rector's Cabinet
International Centre

Nursing BSc
Study Abroad Course List

You can find the course descriptions by clicking on the Course title!

Course title	Semester	Credits (ECTS)
First Aid I. theory and practice	Fall	8
Basics of Cell Biology and Biochemistry in Health Science	Fall	8
Anatomy in Health Science I. theory	Fall	10
Clinical Knowledge and Nursing Theory	Fall	6
Intensive therapy, anestesiology and nursing theory	Fall	8
Intensive therapy, anestesiology and nursing theory practice	Fall	6
Oxiology and Nursing Theory	Fall	6
Oxiology and nursing theory skill/simulation practice	Fall	6
Neurology and nursing theory (theory)	Fall	8
Neurology and nursing theory practice	Fall	6
Public Care	Spring	6
Internal Medicine and nursing theory II. theory	Spring	8
Internal medicine and nursing theory II. practice	Spring	6
Surgery and nursing theory II.	Spring	10
Surgery and nursing theory II. practice	Spring	6
Psychiatry and nursing theory (clinical theory, nursing theory)	Spring	6
Physiology in Health Science I. theory + practice	Spring	10
Nursing Skills I. (theory and practice)	Spring	8
Anatomy in Health Science II. theory and practice	Spring	10
Obstetrics-gynecology and nursing theory I. (clinical theory, nursing theory)	Spring	6
Infant Medicine-Pediatric Care nursing theory (	Spring	8

Note: theoretical course can only be taken with the practical course!

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Detailed information about the courses:

First Aid I. theory and practice

Language of instruction:	English
Form of teaching:	lecture and practice
Class hours per semester:	14 theory, 16 practice
Credits (ECTS):	8
Course description:	In this course the students should learn the basic definitions of emergency care and the practical skills of it. In this teaching task has priority of learning the correct and quick methods of assessing the breathing and circulation. Furthermore, they should learn the basic skills of life saving, with special regard the adult basic life support with the use of an automated external defibrillator (BLS-AED). In addition, students learn about other severe and life-threatening situations (e.g. unconsciousness, foreign body airway obstruction, severe bleeding, wounds, different injuries, internal medicine problems, intoxication) and the practical implementation of these situation, as well.
Assessment methods:	Assessment of theoretical knowledge is based on an online test Assessment of practical skills is based on a simulation (assessment aspects are given before the exam).
Teaching period:	Fall Semester

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Basics of Cell Biology and Biochemistry in Health Science

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	39
Credits (ECTS):	8
Course description:	The course covers basic concepts about biology and cell biology. The course also covers basic concepts about organic chemistry. Survey of the structure and function of biological molecules, including carbohydrates, lipids, and proteins. Emphasis on relation to other life sciences. Topics include enzymology, special properties of biological membranes, hormones, vitamins, metabolic pathways Properties and metabolisms of nucleotides, amino acids, proteins, enzymes, carbohydrates, lipids.
Assessment methods:	written digital test on E-teszt system (passed from 60%)
Teaching period:	Fall Semester

Anatomy in Health Science I. theory and practice

Language of instruction:	English
Form of teaching:	lecture and practice
Class hours per semester:	26 theory & 13 practice
Credits (ECTS):	10
Course description:	Teaching the proper levels of the structure of the human body so the students can understand the anatomic basis of different vital functions during their analysis. Providing sufficient basis for the acquisition of other clinical subjects and necessary knowledge. The subject discusses human organization in the logical order of the organ systems constructing the human body, either briefly or more elaborately according to the needs of the training. During the discussion - wherever it's possible - the course strives to apply the aspects of functional anatomy.
Assessment methods:	written digital test on E-teszt system (passed from 60%)
Teaching period:	Fall Semester

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Clinical Knowledge and Nursing Theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	27
Credits (ECTS):	6
Course description:	Students will be introduced to the most important ophthalmological, and ear-nose-throat specialist instructions that they could apply in the nursing process. Themes: anatomy and physiology of the eye, chronic differences, anatomy and physiology of the ear, throat tumors and their treatment, olfactory system and its operation, chronic lesions, analytic methods of dermatology, fundamental phenomena, dermatological local treatment methods, birthmarks and skin diseases, STDs Students shall be able to practically use their professional knowledge. They should be up to date with the newest professional knowledge they have to use during their work.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Intensive therapy, anestesiology and nursing theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	38
Credits (ECTS):	8
Course description:	Mechanical Ventilation in the intensive care unit, nursing a ventilated patient in the light of the nursing process. A specific case description covering the characteristics of the disease to the greatest extent possible. Basic and specialist nursing tasks related to the disease. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Removal of respiratory secretions (with open and closed system). Intubation, extubation. Astrup sampling (capillary, arterial). Immobility syndrome: effects of immobility on the circulatory, respiratory, supporting and moving, urinary, digestive organ systems, nervous system, outer covering, psychological and social effects, decubitus prevention and treatment. Basic and specialist nursing tasks related to the disease. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Basic and specialist nursing tasks related to heart failure. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Application of pulse oximetry, patient monitoring monitor. Electrical and drug cardioversion. Basic and specialized nursing tasks related to acute myocardial infarction disease. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Basic and specialized nursing tasks related to pulmonary embolism. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Basic and specialized nursing tasks related to sepsis and SIRS. Establishing nursing diagnoses related to the disease, creating a 5-column nursing plan. Artery cannula insertion. Providing a central vein. CVP measurement.
Assessment methods:	term exam
Teaching period:	Fall Semester

Intensive therapy, anestesiology and nursing theory practice

Language of instruction:	English
Form of teaching:	practice
Class hours per semester:	24
Credits (ECTS):	6

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Course description:	Based on preliminary studies, to acquaint the student with the anatomy, physiology, diagnostics, and therapy of the most common pathologies occurring in the intensive care unit, the drug groups used for each pathology and their mechanism of action, as well as the nursing tasks of each pathology, the preparation and implementation of these tasks, the 5-column nursing plan for the pathologies making.
Assessment methods:	practical exam
Teaching period:	Fall Semester

Oxiology and nursing theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	28
Credits (ECTS):	6
Course description:	The goal is to simultaneously integrate the knowledge of the anatomical, physiological, pathophysiological, pathological, clinical, and pharmacological aspects of the given organ system with the aim of emergency care. The aim of the course is to provide students with theoretical knowledge of the causes, symptoms, diagnostics and treatment of emergency situations and patient conditions. Students will be able to recognize the symptoms of diseases and identify appropriate diagnostic and treatment procedures, respond appropriately.
Assessment methods:	term exam
Teaching period:	Fall Semester

Oxiology and nursing theory skill/simulation practice

Language of instruction:	English
Form of teaching:	practice
Class hours per semester:	18
Credits (ECTS):	6

Course description:	The goal is to simultaneously integrate the knowledge of the anatomical, physiological, pathophysiological, pathological, clinical, and pharmacological aspects of the given organ system with the aim of emergency care. The aim of the course is to provide students with theoretical knowledge of the causes, symptoms, diagnostics and treatment of emergency situations and patient conditions. Students will be able to recognize the symptoms of diseases and identify appropriate diagnostic and treatment procedures, respond appropriately.
Assessment methods:	term exam
Teaching period:	Fall Semester

Neurology and nursing theory (theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	34
Credits (ECTS):	8
Course description:	Historical overview of neurology. Anatomical - Physiological overview. Structural elements and integrative function of the nervous system. Repetition / review of propaedeutic knowledge. Neurological patient examination. Non-invasive and invasive diagnostic procedures with neurological tools. Emergency care in neurology. Knowledge of the principles of care for emergency (closed, open) skull injuries. Neurological disorders caused by disorders of cerebral circulation. STROKE Causes, symptoms, diagnosis, therapy, and prevention of Multiple Sclerosis. Causes, symptoms, diagnosis, therapy, and prevention of Parkinson's Disease Causes, symptoms, diagnosis, therapy and prevention of Myasthenia Gravis and Polyneuropathy Definition and symptoms, types, treatment of Polyneuropathy. Inflammatory diseases of the nervous system Skull injuries, headache Epilepsy Dementia, Alzheimer's disease Benignus and malignant brain tumors Alcohol-related diseases, encephalopathies International classification of sleep and wake disorders (ICSD-3, 2014)
Assessment methods:	term exam
Teaching period:	Fall Semester

Neurology and nursing theory (theory)

Language of instruction:	English
Form of teaching:	practice
Class hours per semester:	20
Credits (ECTS):	6
Course description:	Implementation of specialist nursing knowledge and interventions necessary for the diagnosis, therapy and care of neurological conditions. Knowledge of condition assessment tools, application of score systems in neurological patient condition assessment. Tools and techniques of drug administration. Correct implementation of nursing interventions.
Assessment methods:	practical exam
Teaching period:	Fall Semester

Public Care

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	28
Credits (ECTS):	6
Course description:	Konwledge gained during the studies: The science of protecting and improving the health of people and their communities. This work is achieved by promoting healthy lifestyles, researching disease and injury prevention, and detecting, preventing and responding to diseases. The student gets familiar with the specific clinical pictures of a wide range of health conditions that might come up at the family medicine practice, concerning a wide range of age groups and diseases, specifically from a primary care point of view. Learning about the primary, secondary and tertiary prevention options for the adult population (from the age of 18) belonging to the family doctor's practice and active participation in the district-community activities related to them.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Internal Medicine and nursing theory II.

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	44
Credits (ECTS):	8
Course description:	Clinical knowledge is acquired in a complex integrated form, according to organ systems. The simultaneous complex acquisition of anatomical, physiological, pathological, pathological, clinical and pharmacological knowledge of a given organ system, integrating diagnosis, therapy and prevention into nursing knowledge. Development of nurses' knowledge of professional nursing. Competences: detecting cardinal symptoms, detecting patient consciousness, monitoring pain, measuring oxygen saturation (pulse oximetry), recognising emergencies, assisting with parenteral administration, transfusion, intravenous infusion, hygiene, etc.
Assessment methods:	term exam
Teaching period:	Spring Semester

Internal medicine and nursing theory II. practice

Language of instruction:	English
Form of teaching:	practice
Class hours per semester:	24
Credits (ECTS):	6
Course description:	The goal is to simultaneously integrate the knowledge of the anatomical, physiological, pathophysiological, pathological, clinical, and pharmacological aspects of the given organ system with the aim of integrating diagnostics, therapy and prevention. The aim of the course is to provide students possibility to practice the care of the different semester related diseases. Student will learn how to implement different advanced level nursing interventions.
Assessment methods:	practical exam
Teaching period:	Spring Semester

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Surgery and nursing theory II.

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	50
Credits (ECTS):	10
Course description:	The students will become familiar with the basic concepts of nursing in surgery for different organs and organ systems in varying patient material. They familiarize themselves with the contemporary practices based on the newest available protocols and studies.
Assessment methods:	semester exam
Teaching period:	Spring Semester

Surgery and nursing theory II. practice

Language of instruction:	English
Form of teaching:	practice
Class hours per semester:	24
Credits (ECTS):	6
Course description:	The students will become familiar with the basic concepts of nursing in surgery for different organs and organ systems in varying patient material. They familiarize themselves with the contemporary practices based on the newest available protocols and studies.
Assessment methods:	practical exam
Teaching period:	Spring Semester

Psychiatry and nursing theory (clinical theory, nursing theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	24
Credits (ECTS):	6
Course description:	Students should learn about the forms, symptoms and classification of psychiatric illnesses. Have the knowledge necessary to become suitable for the care of psychiatric patients, to be able to independently recognize emerging needs, personality-centered care, documentation and participation in teamwork.

Assessment methods:	term exam
Teaching period:	Spring Semester

Physiology in Health Science I. theory and practice

Language of instruction:	English
Form of teaching:	lecture and practice
Class hours per semester:	52 theory & 13 practice
Credits (ECTS):	10
Course description:	During the course, the student learns about the physiological functioning of the organ systems, their connections, and their regulatory possibilities, presented in a synthesized and complex way, through the summation of what they have learned previously, and by exploring new connections. She/he deepens her/his knowledge of cell biology, thus interpreting the possibilities of communication between cells. By completing the course, you will know the physiological functioning of a healthy body at the cellular and molecular level, as well as at the level of organs and organ systems, and you will be aware of their regulation. You will be able to recognize health-damaging factors, to separate physiological and pathological functions from each other, to take steps or propose solutions according to your level of competence, and to apply your knowledge during everyday patient care.
Assessment methods:	written digital test on E-teszt system (passed from 60%)
Teaching period:	Spring Semester

Nursing Skills I. (theory and practice)

Language of instruction:	English
Form of teaching:	lecture and practice
Class hours per semester:	14 theory and 26 practice
Credits (ECTS):	8
Course description:	Students should be familiar with the basic concepts, research findings and perspectives of nursing. Be familiar with the specific nursing processes, machines and equipment used in each clinical area. Know the organisational and documentation tasks related to nursing care. The student will acquire the competencies necessary for healthy and safe work, prevent accidents through appropriate behaviour and be able to to act in accordance with regulations, to know and apply patient safety tools, techniques and behaviours to ensure patient safety. Students should acquire knowledge of disinfection.

	sterilisation and infection control. They will be able to apply their knowledge effectively in their daily work to prevent nosocomial infections. To enable students to perform basic needs-based primary care tasks and to carry out certain nursing interventions. To enable the student to monitor patients using a variety of non-invasive vital signs measurement tools and to be able to report the measurement to a supervisor when necessary and to document the tasks performed in a professional manner. Be able to perform professional patient handling, positioning and comfort of the patient. To prepare the learner to administer enteral medications as prescribed in relation to the administration of various medications. To become familiar with medical aids and their use.
Assessment methods:	practical exam
Teaching period:	Spring Semester

Anatomy in Health Science II. theory and practice

Language of instruction:	English
Form of teaching:	lecture and practice
Class hours per semester:	26 theory and 13 practice
Credits (ECTS):	10
Course description:	Teaching the proper levels of the structure of the human body so the students are able to understand the anatomic basis of different vital functions during their analysis. Providing sufficient basis for the acquisition of other clinic subjects and necessary knowledge. The subject discusses human organization in the logical order of the organ systems constructing the human body, either briefly or more elaborately according to the needs of the training. During the discussion - wherever it's possible - the course strives to apply the aspects of functional anatomy.
Assessment methods:	written digital test on E-teszt system (passed from 60%)
Teaching period:	Spring Semester

Obstetrics and Gynecology Nursing Theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	36
Credits (ECTS):	6
Course description:	Obstetrics - Gynecology Historical Overview. Legislation. Anatomical - Physiological Overview. Embryology and fetal development. Nursing tasks of pregnant women, special aspects of pregnancy counseling, legal regulation. Abnormal pregnancy. Bleeding during pregnancy. Diabetes mellitus. Preeclampsia. Other disorders. Childbirth signs, process. Newborn care. Abnormal childbirth. Postpartum surgery. Obstetric anesthesia. Physiological post-partum condition. Abnormal cot. Pediatric Gynecology, Nursing process specifics, rehabilitation options. Bleeding disorders. Inflammatory diseases of the female genitalia. Gynecological operations, tasks of nurses of Perioperative specialty. Gynecological operations, tasks of nurses of Perioperative specialty. Gynecological tumors. Endometriosis, Infertility, Menopause, Polycystic Ovarian Syndrome (PCO).
Assessment methods:	term exam
Teaching period:	Spring Semester

Infant medicine and pediatric care nursing theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per semester:	34
Credits (ECTS):	8
Course description:	Clinical knowledge is acquired in a complex, integrated manner according to age and organ systems. Diagnostic, therapeutic and preventive aims of the complex acquisition of the anatomical, physiological, pathophysiological, pathological, clinical and pharmacological knowledge of the given organ system.
Assessment methods:	term exam
Teaching period:	Spring Semester

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