UNIVERSITY OF PÉCS
Rector's Cabinet
International Centre

Nursing BSc
Study Abroad Course List

Tuition fee: 2600-2900 USD

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

Course title	Semester	Credits (ECTS)
First Aid I. theory	Fall	4
First Aid I. practice	Fall	4
Basics of Cell Biology and Biochemistry in Health Science	Fall	8
Applied Anatomy in Health Science I. theory	Fall	10
Applied Anatomy in Health Science I. practice	Fall	4
Applied Physiology and Pathophysiology in Health Science I. theory	Fall	6
Applied Physiology and Pathophysiology in Health Science I. practice	Fall	4
Clinical Knowledges I. (clinical ophthalmology, ear-nose-throat dermatology theory)	Fall	2
Clinical Knowledges II. (clinical bones-joints-musculoskeletal system theory)	Fall	2
Public Care and Nursing (theory)	Fall	2
Intensive Care, Anaesthetics I.	Fall	2
Oxiology I. (oxiology clinical theory)	Fall	2
Internal Medicine	Fall	6
Surgery II. (clinical internal medicine theory)	Fall	4
Nursing Skills I. (theory)	Spring	6
Nursing Skills I. (practice)	Spring	6
Applied Anatomy in Health Science II. theory	Spring	6
Applied Anatomy in Health Science II. practice	Spring	4
Neurology (theory)	Spring	2
Obstetrics and Gyneacology I. (obstetrics and gyneacology clinical theory)	Spring	2
Infant Medicine and Pediatrics I. (infant medicine and pediatrics clinical theory)	Spring	2
Psychiatry I. (psychiatry clinical theory)	Spring	3

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

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Detailed information about the courses:

First Aid I. theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	4
Course description:	During the course, students will learn the most important basic elements and practical implementation of methods used in emergency care. The history of first aid; basic concepts, ambulance call. The legal and ethical implications of first aid. The psychological background of assistance. The venue of first aid, rescue and safety. Examining the injured. Danger to life, unconsciousness, comatose patient care, airway management. Death, biological and clinical death. Resuscitation (BLS; AED). Injuries, wound care, haemostasis, dressings, bandaging. Abdominal and chest-care skull injuries. Thermal injuries. Poisoning, adequate medical aid. Acute medical events. Major accidents and disasters. Childbirth, newborn care.
Assessment methods:	practical exam
Teaching period:	Fall Semester

First Aid I. practice

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	4
Course description:	During the course, students will learn the most important basic elements and practical implementation of methods used in emergency care. The history of first aid; basic concepts, ambulance call. The legal and ethical implications of first aid. The psychological background of assistance. The venue of first aid, rescue and safety. Examining the injured. Danger to life, unconsciousness, comatose patient care, airway management. Death, biological and clinical death. Resuscitation (BLS; AED). Injuries, wound care, haemostasis, dressings, bandaging. Abdominal and chest-care skull injuries. Thermal injuries. Poisoning, adequate medical aid. Acute medical events. Major accidents and disasters. Childbirth, newborn care.
Assessment methods:	practical exam
Teaching period:	Fall Semester

Basics of Cell Biology and Biochemistry in Health Science

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	8
Course description:	The basic aim of the subject is to give students knowledge to ensure they will understand the cell structure and they will acquire a modern molecular approach. To achieve this end, they shall be acquainted with the molecular and cellular processes, the structural and functional basics of normal and abnormal functioning of cellular organelles, the most important methodical elements for examining the structure and function. With all these aims in mind, the subject will also focus on the analysis of normal and abnormal biological and molecular aspects of health sciences, which will provide the basis for the interpretation of a variety of disorders at different cell biological levels. On the basis of the above, a more versatile analysis of genetic / human genetic processes will be made possible including the understanding of mutagenic / genotoxic effects of environmental hazards interpreted from the aspect of cell biology.
Assessment methods:	written exam
Teaching period:	Fall Semester

Applied Anatomy in Health Science I. theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	10
Course description:	The course aims to enable students to acquire an adequate knowledge of the structure of the human body and to understand the anatomical bases of certain life functions during the analysis; to provide a firm basis for acquiring the necessary knowledge for other clinical subjects; to describe the macro- and microscopic structure of the body and the essential elementary evolutionary knowledge and understand connections between certain organs and system organs and control of operations. The special subject deals with the human body in the logical order of its constituting organ systems with more or less details, according to the requirements of the professional training. While doing so – wherever possible – it applies a functional anatomy approach.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Applied Anatomy in Health Science I. practice

Language of instruction:	English
Form of teaching:	practice
Class hours per week:	2
Credits (ECTS):	4
Course description:	The course aims to enable students to acquire an adequate knowledge of the structure of the human body and to understand the anatomical bases of certain life functions during the analysis; to provide a firm basis for acquiring the necessary knowledge for other clinical subjects; to describe the macro- and microscopic structure of the body and the essential elementary evolutionary knowledge and understand connections between certain organs and system organs and control of operations. The special subject deals with the human body in the logical order of its constituting organ systems with more or less details, according to the requirements of the professional training. While doing so – wherever possible – it applies a functional anatomy approach.
Assessment methods:	written exam
Teaching period:	Fall Semester

Applied Physiology and Pathophysiology in Health Science I. theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	6
Course description:	The course aims to provide introduction to physiological functions of the human body. Students acquire mastery of Physiology being provided with comprehensive knowledge to gain medicinal knowledge with other core subjects (Anatomy, Biochemistry and Biology). Knowledge provided by Physiology facilitates understanding the development mechanism of certain illnesses, the processes involved, and application of possible curative interventions.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Applied Physiology and Pathophysiology in Health Science I. practice

Language of instruction:	English
Form of teaching:	practice
Class hours per week:	2
Credits (ECTS):	4
Course description:	The course aims to provide introduction to physiological functions of the human body. Students acquire mastery of Physiology being provided with comprehensive knowledge to gain medicinal knowledge with other core subjects (Anatomy, Biochemistry and Biology). Knowledge provided by Physiology facilitates understanding the development mechanism of certain illnesses, the processes involved, and application of possible curative interventions.
Assessment methods:	written exam
Teaching period:	Fall Semester

Clinical Knowledges I. (clinical ophthalmology, ear-nose-throat, dermatology theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	Students will be introduced to the most important opthamological, 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 tumours 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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Clinical Knowledges II. (clinical bones-joints-musculoskeletal system theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	Detecting acquired diseases of musculoskeletal system's congenital development disorders, knowledge on their symptomatology and treatment possibilities. Posttraumatic osteoarthritis muscle injuries occurring during casual and competitive sports activities are especially important. Student shall know the topics of child orthopedics, symptoms, diagnostics, conservative and surgical treatments of congenital hip dislocation, leg deformities, spinal deformities, scoliosis, clinical symptoms of vertebra instabilities. Consequences of neuromuscular musculoskeletal disorders, myelodysplasia, and Little's disease. Student shall know the degenerative joint diseases (coxarthrosis, knee arthrosis) related to adult orthopedics. Student shall know the diagnostics, conservative and surgical treatment of Lumbago ishias syndrome, discus hernia. Recognizing and treating acute and chronic inflammations and benign / malicious tumours of the bones. **Learning outcomes:** Student will be able to provide medical and social aid to patients at the orthopedic department. They will be able to identify the individual needs of the patient, set up a care diagnosis, and complete their tasks with patients in the orthopedic department, based on their priorities. Student will be able to cooperate in the planning, development and implementation of medical and social services, choose and apply nursing models, gather and use the information and resources necessary for the implementation of the nursing process.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Public Care and Nursing (theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	The aim is to train the future nurse to be able to satisfy the needs of the patient (client) who are taken care in their homes on the community's level, to recover and maintain their health, and to prevent illnesses. Students shall gain well founded knowledge to provide lifestyle guidance for the community members and to support their recovery. Task: Make students capable of cooperating in a family doctor team and of patient's care outside the hospital. Students shall be able to apply preventive activities in practice pertaining to individuals, families and to the community as a whole. Students shall be familiar with the symptoms of diseases that can occur during communal medication, they shall be able to recognize and treat various diseases. They shall be familiar with the newest available store of learning of their profession.
Assessment methods:	written exam
Teaching period:	Fall Semester

Intensive Care, Anaesthetics I.

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	2
Course description:	The subject is designed to provide the students with recent, basic anesthesiology knowledge. It will prepare them to collect the sufficient theoretical preparedness in the field of anesthesia and sedation to understand and perform the midwifery tasks. In their work, they will be able to apply their knowledge when conducting a delivery, preparing an operation and providing care to postoperative patients. In the field of intensive care, they will receive specialized knowledge that prepares them based on their education, manual skills and personalities to tend on and nurse patients in critical state.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Internal Medicine

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	6
Course description:	Learning clinic knowledge in an intergrated 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 Theme: kidney, structure and operation of the neuroendocrine system and opportunities for its examination, diagnostics, diseases of the hypophysis - hypothamus, metabolic diseases: diabetes mellitus, fat metabolism, arthritis etc, deficiency diseases, anaemias and their grouping, white blood cell diseases, leukemia, lymphomas, coagulation disorders, transfusion, imflammatory and degenerative joint diseases, differences related to ion disorders, pH differences 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.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Surgery II.

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	4
Course description:	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. 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.
Assessment methods:	written exam
Teaching period:	Fall Semester

Nursing Skills I. (theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	6
Course description:	Acquiring knowledge of basic notions, findings and prospects of nursing. Obtaining information about special nursing processes of certain clinical areas, the machines and tools used in the field. Familiarising with organising and documenting tasks involved in nursing and care.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Nursing Skills I. (practice)

Language of instruction:	English
Form of teaching:	practice
Class hours per week:	2
Credits (ECTS):	6
Course description:	Students will acquire the basic notions, findings and future prospects of nursing. They obtain information about special nursing processes of certain clinical areas, the machines and tools used in the field. They must be familiar with organising and documenting tasks involved in nursing and care.
Assessment methods:	written exam
Teaching period:	Spring Semester

Applied Anatomy in Health Science II. theory

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	6
Course description:	The course aims to facilitate students with appropriate knowledge on the structure of the human body, so that they can interpret the anatomical basis during the analysis of the respective life functions. To supply them with proper foundations to be able to acquire other clinical subjects as well. It also aims to facilitate the student with the ability to describe the macro- and microscopic structure of the body, the most important developmental foundations, the connections between the organs and the organism and to understand the rules of their workings. The specialized subject covers the body in the logical order of its constituting organ systems in wider or narrower context, depending on its applicability in the professional specialization. In their treatment – wherever it is possible – the use of the functional anatomic approach is emphasized.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Applied Anatomy in Health Science II. practice

Language of instruction:	English
Form of teaching:	practice
Class hours per week:	2
Credits (ECTS):	4
Course description:	The course aims to facilitate students with appropriate knowledge on the structure of the human body, so that they can interpret the anatomical basis during the analysis of the respective life functions. To supply them with proper foundations to be able to acquire other clinical subjects as well. It also aims to facilitate the student with the ability to describe the macro- and microscopic structure of the body, the most important developmental foundations, the connections between the organs and the organism and to understand the rules of their workings. The specialized subject covers the body in the logical order of its constituting organ systems in wider or narrower context, depending on its applicability in the professional specialization. In their treatment – wherever it is possible – the use of the functional anatomic approach is emphasized.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Neurology (theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	1
Credits (ECTS):	2
Course description:	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. 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.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Obstetrics and Gyneacology I. (obstetrics and gyneacology clinical theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	The course aims to present the most important theoritical, practical and specialized care knowledge of the most important elements of obstetrics – gyneacology 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 - gyneacology. Furthermore, based on their new knowledge, they will be able to learn new skills. Students shall learn the possibilities, limitations and tools of modern obstetrics and gyneacology. Student shall learn and know the symptomatology of a patient in obstetrics - gyneacology, shall be able to recognize and treat different situations and diseases. Student shall know the newest professional literature that aims for development.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Oxiology I. (oxiology clinical theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	Students will be familiar with the following pathophysiology/cases and their emergency care guidelines: basic notions of oxyology, characteristics of oxyologic treatment (location, diagnosis, legal and ethical aspects, communication), legal background for on-the-spot treatment, rescuing, transportation, judgement of death, resuscitation, neonatal oxyology, respiratory disorders, cardiac arrhythmia, circulatory insufficiency, hypertension and stroke, pain and anodizing, homeostasis disorders, consciousness disorders, tocological-gynaecological oxyology, internal medicine accidences, toxicology, traumatological oxyology. Students shall learn about the aspects of emergency treatment, its devices, meters and organizational forms. Students shall be adept at recognizing oxyologic pathophysiology and in its therapy, they shall be skilful in the manual execution of emergency interventions, confidently using its devices and meters, proficiently participate in the work of the emergency team. Students are able to recognize the following pathophysiology and contribute in primary treatment: ascertaining death, resuscitation, neonatologic oxyology, respiratory disorders, cardiac arrhythmia, circulatory insufficiency, hypertension and stroke, pain and anodizing, homeostasis disorders, consciousness disorders, examination and treatment of unconscious patient, consciousness disorders, tocological-gynaecological oxyology, internal medicine accidences, toxicology, traumatological oxyology.
Assessment methods:	written exam
Teaching period:	Fall Semester

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Infant Medicine and Pediatrics I. (infant medicine and pediatrics clinical theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	2
Course description:	Short story of pediatrics. Taking medical history, examination of the patient, determining patient's status. Growth and development. Neonatology. Feeding an infant. Disorders in fluid and ionic balance. Airway diseases. Ear-nosal-throat specialism. Heart diseases. Diseases of the digestive system. Diseases of urinary systems and genitalia. Malignant diseases. Diseases of the immune system. Infectious diseases. Diseases of the nervous system. Psychic disorders in childhood. Musculoskeletal diseases. Eye diseases in childhood. Dematological diseases. Accidents. Sudden child death. Medication in childhood. Prevention tasks. 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. 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.
Assessment methods:	written exam
Teaching period:	Spring Semester

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Psychiatry I. (psychiatry clinical theory)

Language of instruction:	English
Form of teaching:	lecture
Class hours per week:	2
Credits (ECTS):	3
Course description:	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, schozophrenia, paranoid psychoses, mood disorders, anxiety disorders, stress disorders, psychosomatic disorders, personality disorders, addictions, oligophrenia, dementia, psychiatric rehabilitation, mentalhygiene 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.
Assessment methods:	practice exam
Teaching period:	Spring Semester

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