

Appendix 3

Detailed course description

Field of study: NURSING/level: first cycle

No.	ECTS	Course name	Short description	Course delivery
1.	1.5	Public health	Health determinants, healthy environmental conditions in correlation with human health. Basic epidemiological concepts. Organisational structure, objectives and tasks of health systems, sources of healthcare financing.	According to the study plan: winter semester/students may complete the course individually.
2.	2	Health promotion	Health promotion is a subject that prepares nursing students to take action to improve and maintain the health of individuals, families and communities. It covers issues related to health education, disease prevention and the development of healthy attitudes and lifestyles. Students learn methods of planning, implementing and evaluating health promotion programmes in nursing practice. The course develops the communication and motivational skills necessary for working with patients.	According to the study plan: winter semester/students may complete the course individually
3.	1	Dietetics	Physiology of digestion and food absorption. Basic principles of rational nutrition. Basics of dietary management in adults and children. Rational nutrition for patients in various medical conditions.	According to the study plan: winter semester/students may complete the course individually.

4.	6	Obstetrics, gynaecology and obstetric-gynaecological nursing	The subject <i>Obstetrics, Gynaecology and Obstetric-Gynaecological Nursing</i> aims to prepare nursing students to provide comprehensive care for women at different stages of life. It covers issues related to the physiology and pathology of pregnancy, childbirth, the postpartum period and gynaecological diseases. Students acquire knowledge and practical skills in caring for pregnant women, women in labour, women after childbirth and gynaecological patients. The course also develops competences in health education, prevention and cooperation with the therapeutic team.	According to the study plan: winter semester/students may complete the course individually
5.	4	Surgery, operating theatre and surgical nursing	Surgical nursing focuses on caring for patients before, during and after surgical procedures. A surgical nurse monitors the patient's condition, prepares the operating theatre and supports the medical team during surgery. An important part of the job is educating patients about recovery and the prevention of post-operative complications. This course develops the practical and theoretical knowledge necessary for the professional care of surgical patients. Practical classes are held at the patient's bedside.	According to the study plan: winter semester/students may complete the course individually
6.	3	Anaesthesiology and nursing in intensive care	Anaesthesiology and intensive care nursing is a field of medicine that deals with the care of patients in life-threatening conditions who require monitoring of vital functions and support for bodily systems. This subject covers both knowledge of medical procedures used in anaesthesiology and nursing skills in postoperative and critical care. A nurse in an intensive care unit is responsible for assessing the patient's condition, administering medication, operating medical equipment and cooperating with the medical team. An important element is also educating the patient and their family and ensuring the comfort and safety of the patient. The course develops the practical and theoretical skills necessary to work in a high-risk environment, teaching quick decision-making and response in critical situations. Practical classes at the patient's bedside.	According to the study plan: winter semester/students may complete the course individually

7.	3.5	Pharmacology	Pharmacology is a subject concerned with the study of drugs, their effects, metabolism and impact on the human body. In nursing, it provides the knowledge necessary for the safe administration of drugs and observation of patient reactions. It teaches the principles of dosing, drug interactions and the recognition of adverse effects. It prepares nurses for responsible cooperation with the therapeutic team in the treatment process.	According to the study plan: winter semester/students have the option of completing the course individually
8.	4	Internal medicine and internal medicine nursing	Internal medicine and internal medicine nursing is a field of medicine concerned with the diagnosis, treatment and prevention of diseases of the internal organs. This subject covers a wide range of diseases, such as heart, respiratory, digestive, kidney and haematopoietic diseases. Internal medicine nursing focuses on caring for patients with chronic and acute diseases, monitoring their health and supporting the treatment process. Students learn both the theoretical foundations of internal medicine and practical nursing skills, such as administering medication, performing diagnostic procedures and educating patients about their health. The subject places great emphasis on holistic patient care, taking into account both physical and mental aspects. Practical classes are held at the patient's bedside.	According to the study plan: winter/summer semester , students have the option of completing courses on an individual basis.
9.	1.5	Psychology	Problems in the functioning of individuals, groups and society. The knowledge and skills acquired during the course are an important part of the nursing profession. Knowledge of one's own individual abilities and skills. The programme is in line with the latest trends/tendencies in explaining human behaviour, takes into account interdisciplinary cooperation and prepares students to use psychological knowledge responsibly in response to the diverse needs of individuals/communities.	According to the study plan: summer semester/students have the option of completing the course individually
10.	3	Neurology and neurological nursing	Neurology is a field of medicine concerned with the diagnosis, treatment and prevention of diseases of the nervous system, including the brain, spinal cord and peripheral nerves. Neurological nursing focuses on the care of patients with neurological disorders such as strokes, multiple sclerosis and epilepsy. The role of a neurological nurse is to monitor the patient's condition, administer medication, provide support during rehabilitation and educate the patient and their family. This subject teaches students how to assess neurological functions, recognise symptoms and respond to neurological emergencies. An important element is also interdisciplinary	According to the study plan: summer semester/students have the option of completing the course individually

			cooperation with doctors, physiotherapists and psychologists in order to provide comprehensive care. Practical classes at the patient's bedside.	
11.	I	Resources and information systems in healthcare	The course "Resources and information systems in healthcare" familiarises nursing students with the functioning of information systems used in healthcare. It covers issues related to the collection, processing and protection of medical data and medical documentation. Students learn how to use modern IT tools that support the process of nursing and patient care management. The course develops the ability to use information safely and effectively in professional nursing practice.	According to the study plan: summer semester/students may complete the course individually
12.	5	Emergency medicine and emergency nursing	Emergency medicine and emergency nursing is a course that prepares nursing students to provide assistance to patients in life-threatening and health-threatening situations. It covers issues related to patient assessment, cardiopulmonary resuscitation, and management of injuries, poisoning, and sudden illnesses. Students acquire the theoretical knowledge and practical skills necessary to work in emergency teams and emergency departments. The subject develops the ability to make quick decisions, work under time pressure and cooperate in an interdisciplinary manner.	According to the study plan: summer semester/students have the option of completing the course individually.