

Nursing

Lp.	Subject	Description	Semester	ECTS credits	Number of hours for the form of education						Form of passing	
					Lecture	Exercise	Practical classes	ZK	PS	PZ	Exam	Credit
1.	Surgery and surgical nursing	<p>The curriculum content of this course includes a discussion of clinical and nursing aspects in specific diseases treated surgically (symptoms, course, diagnostic procedures, treatment methods and nursing process).</p> <p>During practical classes, the student gathers information, formulates a nursing diagnosis, sets goals and a plan of care, implements nursing interventions and evaluates care. In addition, they gain knowledge of the activities of a nurse in a surgical ward depending on the clinical diagnosis, the patient's condition and the planned method of therapy. They acquire the ability to manage and care for selected surgical diseases and the ability to monitor health in the perioperative and postoperative period, and prepare the patient and their family for self-care.</p>	3,4	14	65	-	270				x	x
2.	Geriatrics and geriatric nursing	<p>1. Equipping the student with the knowledge and skills to provide nursing care for the elderly and shaping a positive attitude necessary for responsible work.</p> <p>2. Improving professional skills in natural conditions in caring for a geriatric patient.</p>	6	3	60	-	-				x	x

		<p>3. Developing the ability to recognize the patient's problems, diagnose his condition and intervene.</p> <p>4. Preparation for independent implementation of models of care, standards, procedures in providing care for the elderly patient.</p> <p>5. Raising awareness of the need for continuous education in the field of novelties in treatment, care, rehabilitation of the elderly. Interest in scientific research in the field of geriatrics, gerontology and geriatric nursing.</p>										
3.	Human anatomy	<p>Familiarizing students with the detailed structure of all internal organs and organ systems – their structure, topography and functioning. Acquiring knowledge of the basics of human anatomy, structure and topography of the human body, basic and specific concepts and selected names in Latin terminology. Application of knowledge in the field of anatomy and functions of the human body in practical activities in nursing. Practical application of the acquired knowledge in clinical management – to assess health and provide medical assistance. Preparation to explain the interdependence of the functioning of individual organ systems. Preparing the student to recognize individual anatomical structures based on phantoms, 3D computer projections and X-rays.</p>		4	35	25	-				x	
4.	Paediatrics and Paediatric Nursing	<p>Familiarization with the etiology and pathogenesis, clinical symptoms and the course of childhood diseases. Discussion of</p>		15	60	35	300				x	x

		<p>diagnostics and treatment of childhood diseases, including groups of drugs, principles of their action, indications for use, adverse effects and interactions in pediatrics. Discussion of methods of assessing the psychophysical development of children and adolescents and screening tests. Familiarization with the vaccination schedule and the principles of healthy nutrition for children of all ages. Characteristics of the organization of pediatric care and pediatric documentation. Developing the ability to carry out preventive, educational, therapeutic and nursing activities for the child and his/her parent/caregiver in individual diseases of the developmental age. Developing the ability to recognize the child's problems, diagnose his condition and intervene. Preparation for independent implementation of care models, standards and procedures in providing care for a pediatric patient. To raise awareness of the need for continuous education in the field of novelties in the treatment, care and education of children and their families. Interest in scientific research in the field of pediatrics and pediatric nursing.</p>										
5.	Neurology and neurological nursing	<p>Equipping patients with knowledge and skills to provide nursing care to a patient with a neurological disease and shaping a positive attitude necessary for responsible work. Improving professional skills in natural conditions in caring for a neurological patient. Developing the ability to recognize the patient's</p>		8	-	220	-					x

		problems, diagnose their condition and intervene. Preparation for independent implementation of models of care, standards, procedures in providing care for neurological patients.										
6.	Therapeutic care and education in chronic diseases: disorders of the nervous system exercises, simulations – master's degree studies	Acquiring knowledge, skills and competences in the field of advanced care and education for patients in the course of diseases with nervous system disorders, including neurodegenerative diseases. Acquiring knowledge, skills and competences in the field of prevention and prevention of neurological diseases.		2	-	25	-					x
7.	Fundamentals of Nursing - Simulations	Ability to monitor the patient's health during a stay in hospital or other organizational units of the health care system. Making an ongoing and final assessment of the patient's health condition and nursing activities. Conducting, documenting and evaluating the patient's fluid balance, measuring body temperature, heart rate, breathing, blood pressure, central venous pressure, saturation, peak expiratory flow and anthropometric measurements. Collecting material for laboratory and microbiological tests and assisting the doctor in diagnostic tests. The use of anti-inflammatory treatments. storage and preparation of medicines in accordance with applicable standards. Administration of medication to the patient by various routes, in accordance with the doctor's written order or in accordance with the competences and calculating the dose of medicines. Insertion and removal of a		15	-	-	60					x

		catheter from peripheral veins, performing intravenous drip infusions and monitoring and care of the peripheral puncture site, central puncture. Using available methods of feeding the patient. Performing hygienic procedures. Performing rectal procedures. Insertion of a catheter into the bladder. Inserting a tube into the stomach.										
8.	Collaboration in healthcare teams (FACULTET)	Ability to use non-verbal communication techniques and communication channels to work with the patient, their family, colleagues and supervisor to increase the effectiveness of collaboration within the healthcare team. Getting to know the importance of team members' motivation for the quality and effectiveness of work. Discussion of the role of leadership and management styles in teamwork and their advantages and disadvantages. Discussion of the decision-making process in the team. Familiarization with the methods of self-assessment of the team's work.		2	60	-	-					x
9.	Organization of nursing work	Familiarization with the factors influencing the organization of nursing work. The importance of the process of self-learning and motivation at work in order to achieve the highest possible quality and effectiveness of work. Discussion of the role of leadership and management styles in teamwork and their advantages and disadvantages. The role of the nurse in the team. Discussion of the decision-making process. Familiarization with the methods of self-assessment of the team's work. Getting to		1	30	-	-					x

		know the factors that interfere with individual and team work and methods of solving conflicts in a team.										
10.	Radiology	Knowledge of issues related to the use of ionizing radiation in diagnostics and therapy. Raising awareness of what radiological protection of staff and patients is. Acquiring the basic knowledge necessary in X-ray diagnostics and radiotherapy. Familiarization with modern imaging techniques, their application and acquisition of skills to use in professional work. Knowledge of the types of radiological examinations and the principles of preparing the patient for radiological examinations. It complies with the regulations of the X-ray laboratory and radiation protection in accordance with the ALARA principle.		2	50	-	-					x
11.	Management in Nursing – Master's Degree	Nursing care management in health care facilities. Equipping with knowledge on how to organize a nurse's workplace and the scope of duties of a nurse at individual positions. Developing the ability to conduct economic analyses in practice. Development of skills in marketing nursing services and implementation of quality improvement programs in health care. Application of the method of strategic analysis necessary for the functioning of entities performing medical activities. Organizing and supervising the work of nursing teams. Preparation of a job description for nurses and the scope of duties, powers and responsibilities.		6	65	-	-					x

