

Student Choice Courses (SCC) for the 2018-2019 academic year

Specialty: "Higher nursing education" 2nd year

Each student is required to collect 2 credits (ECTS) within a year

List and annotations of elective courses for students to choose

2 year, 4 th semester (2 credits)						
#	Title of SCC	Credit	Annotation	Title of SCC	Credit	Annotation
1	<p>“Microbiological diagnostics of Nosocomial infections”</p> <p>Department of Microbiology, Immunology and Virology Lectures: 10 h. Practical classes: 5 h. Self-study: 15ч.</p>	1	<p>Elective provides concepts about infections associated with the provision of medical care, etiology, prevention, collection of diagnostic material, clinical picture and treatment of this pathology</p>	<p>Nanotechnology in medicine and healthcare</p> <p>Department of Physics, Mathematics, Computer Science Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The main attention of the trainees is paid to new and up-to-date methods of prevention, diagnosis and treatment of diseases of young patients. These include laser therapy, radiation diagnostics and nanotechnology, etc., without which modern medicine and healthcare are incomplete. Nanoscale technology (1nm=0.000000001 m) - this is the molecular interaction of bioconstructions, correction on the thin structure, "at the root" of biosystems and the child's body, which allows you to detect pathological processes at the very beginning.</p>
	<p>“Ergonomics in Nursing” Nursing Department Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The goal of the course is to develop students 'knowledge and skills in the safe movement of patients. Studying this elective course, students will gain the basic knowledge of clinical nursing practice that they need for their future professional activities.</p>	<p>“Medical Information Systems” Department of Physics, Mathematics, Computer Science Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The discipline covers a range of issues related to the historical development of problems of medical information systems and technologies; computer methods of presenting medical information; classification of medical information systems; processing of medical knowledge; data transmission technology, security</p>

						medical information; methods formalized representation of medical data.
	<p>“The role of biogenic elements in the human body”</p> <p>Department of Biochemistry with a course of General and Bioorganic Chemistry</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The elements necessary for the body to build and function cells and organs are called biogenic elements. This course studies the impact of man-made environmental pollution on the human body.</p>	<p>"Tropical Parasitology"</p> <p>Department of Biology</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The aim of the course is to expand students' knowledge about the morphology, features of development cycles, the spread of parasites in tropical climates, their pathogenic effects, and measures to protect human health from parasites. Large migration of the population to different parts of the world, the arrival of foreign students from different countries, the presence of transit hosts of parasites and vectors suggest an expansion of the parasite range and the need for additional knowledge of tropical parasitology.</p>

Student Choice Courses (SCC) for the 2018-2019 academic year

Specialty: "Higher nursing education" 3rd year

Each student is required to collect 4 credits (ECTS) within a year

List and annotations of elective courses for students to choose

5 semester (2 credits)				6 semester (2 credits)		
#	Title of SCC	Credit	Annotation	Title of SCC	Credit	Annotation
	<p>“Fundamentals of the organization of medical waste management”</p> <p>Nursing department</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h</p>	1	<p>The program provides for the training of qualified nurses who are able to orient the issues of the concept and classification of medical waste, types of medical waste, the risk of handling medical waste, new technologies for the treatment and destruction of medical waste. The main advantages and disadvantages of using different waste methods. The course material is based on the achievements of modern science and contributes to the development of students' thinking.</p>	<p>“Basic models in nursing”</p> <p>Nursing Department</p> <p>Lectures: 9 h. Practical classes: 6 h. Self-study: 15 h.</p>	1	<p>Maximum orientation in future professional activities in the field of nursing, as well as introduction with the basic concepts in nursing. The main provisions of models in nursing according to the authors of N.Roper, V. Logan, A. Tierney, D. Johnson, K.Roy. D. Orem</p>

<p>“Medical Geography”</p> <p>Department of Public Health and healthcare</p> <p>Lectures: 10 h. Practical classes: 5 h. Self-study: 15 h</p>	1	<p>Medical geography is a scientific discipline that studies the influence of the natural, economic and social conditions of various territories on the health of the people who inhabit them. The main goal is to assist the society in improving the living environment of the population in order to achieve the highest level of its health.</p>	<p>“Infection control”</p> <p>Epidemiology Department</p> <p>Lectures: 4 h. Practical classes: 11 h. Self-study: 15 h.</p>	1	<p>The goal is to develop students' scientific knowledge about the organization of infection control and epidemiological surveillance of infections associated with the provision of medical care.</p>
<p>“Physiology of the reproductive system”</p> <p>Department of Normal Physiology</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h</p>	1	<p>In this program considered liberina the hypothalamus, gonadotropin-releasing hormones of the anterior pituitary (FSH, LH, prolactin, sex hormones and their functions), as well as the genitals, menstrual cycle physiological processes reproductive functions the regulation of the secretion of sex hormones with participation were hypothala-pituitary system, the principle feedback regulation secretion of sex hormones gametogenesis and endocrine functions of male and female palowireless,matonya ovarian cycles, changes gonadotropins the anterior pituitary during menstrual cycle.</p>	<p>“Pathophysiology of drug addiction and substance abuse”</p> <p>Department of pathophysiology</p> <p>Lectures: 9 h. Practical classes: 6 h. Self-study: 15 h</p>	1	<p>Etiology, pathogenesis, risk factors, prevention, therapy of drug addiction, alcoholism, substance abuse.</p>
<p>“Adaptation of the body to the conditions of the highlands”</p> <p>Department of Normal Physiology</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h</p>	1	<p>This program examines the factors that affect the body, neurohumoral mechanisms, and the main changes in physiological functions during adaptation to high-altitude hypoxia (short-term and long-term adaptation).</p>	<p>“Fundamentals of asepsis and Antiseptics”</p> <p>Department of Propaedeutical Surgery</p> <p>Lectures: 4 h. Practical classes: 11 h. Self-study: 15 h</p>	1	<p>The main purpose of the discipline is to teach students of the specialty “HNE” theoretical foundations and practical skills in the main sections of “Aseptics and antiseptics”.</p>

	<p>“Skin and its derivatives. The relative position of the vessels and nerves of the extremities. Biomechanics of the upper and lower extremities”</p> <p>Normal and topographic anatomy department</p> <p>Lectures: 10 h. Practical classes: 5 h. Self-study: 15 h</p>	1	<p>etiology and pathogenesis, clinical manifestations of major diseases, to consolidate and improve the skills of examination of skin and venereal patients; to teach methods of differential diagnosis within the limits of the divided nosological forms.</p>	<p>“Dietology”</p> <p>Department of Hygiene Disciplines</p> <p>Lectures: 10 h. Practical classes: 5 h. Self-study: 15 h</p>	1	<p>The purpose of the elective course is teaching students the basics of dietetics, to build a diet tailored to the physiological needs for nutrients and energy. This course will teach students to evaluate and make daily diets of patients taking into account the chemical composition, energy value and features of pathogenesis, clinical course, stage of the disease, the level and nature of metabolic disorders</p>
	<p>“Organization of nurse patronage work in new buildings”</p> <p>Nursing Department</p> <p>Practical classes: 15 h. Self-study: 15 h</p>	1	<p>The purpose of this program is to develop students' conscious understanding of the relationship between human health and the environment, factors and conditions of life, work, and to develop them communication skills communicating with the population. Program contains such sections as general issues of a healthy lifestyle, training of communication interaction, prevention of diseases among the population of new buildings in the city and the rules of care for healthy people.</p>			

Student Choice Courses (SCC) for the 2018-2019 academic year

Specialty: "Higher nursing education" 4th year

Each student is required to collect 13 credits (ECTS) within a year

List and annotations of elective courses for students to choose

7 semester (6 credits)			8 semester (7 credits)		
Title of SCC	Credit	Annotation	Title of SCC	Credit	Annotation
"Safety of a nurse working with blood " Nursing department Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h	1	The program focuses on the study of such priority issues as safety working with the patient's blood and biological fluids, decontamination of potentially infected material.	"Evidence-based nursing Practice" Nursing Department Lectures: 8 h. Practical classes: 7h. Self-study: 15 h.	1	The elective course pays great attention to the volume of theoretical and practical knowledge on the main sections of research organizations in nursing. Conducting research in nursing is very important.
"The role of the nurse in the prevention and treatment of anemia" Nursing department Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h	1	This course will help students acquire theoretical knowledge and practical skills in making a nursing diagnosis and providing them with nursing care in the prevention and treatment of anemia.	"Nursing care for cancer patients" Nursing Department Lectures: 8 h. Practical classes: 7h. Self-study: 15 h.	1	This course forms a correct and humane attitude to seriously ill patients and effectively organize care. Much attention is paid to the methods and principles of proper care for cancer patients, and issues of general oncology are separately addressed. Program also includes the basic concepts and principles of palliative care.
"Features of nursing care in Ophthalmology" Department of Ophthalmology Lectures: 2 h. Practical classes: 13 h. Self-study: 15 h	1	Conducting practical classes, much attention is paid to the development of practical skills in ophthalmology by students, necessary for further work nurses.	"Therapeutic classical massage" Clinical rehabilitation and physical therapy department Lectures: 6 h. Practical classes: 9h. Self-study: 15 h.	1	Great importance is attached to the training of qualified specialists in the methods and techniques of massage.

<p>“Fundamentals of business communication of a nursing manager”</p> <p>Nursing department</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h</p>	1	<p>This discipline is designed to help students overcome the stereotypes of the administrative-team style of thinking, develop the ability to lead people, the ability to analyze any of the most difficult business situations, do not be afraid of the novelty of decisions, help even from negative experiences to extract positive points, teach them to constant introspection and objective assessment of their actions</p>	<p>“Nursing care in the postpartum and post-abortion periods”</p> <p>Nursing department</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h</p>	1	<p>To form the students ' basic professional competencies necessary for the activities of a nurse in the implementation of nursing care in the postpartum and post-abortion period.</p>
<p>“Nursing care for elderly patients”</p> <p>Nursing department</p> <p>Lectures: 10 h. Practical classes: 5 h. Self-study: 15 h</p>	1	<p>the purpose of studying the discipline is to form knowledge on the organization, planning and implementation of the nursing process in gerontology and geriatrics to independently solve the problems of patients who arise in the elderly and senile age. The discipline is aimed at acquiring students ' skills and practical skills in general and special care for elderly and senile patients, as well as familiarization with the basics of nursing care for patients. Mastering the topics of this subject will teach the student how to properly carry out care.</p>	<p>“Nurse activity in the management process”</p> <p>Nursing department</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h</p>	1	<p>to lay the foundation for students' knowledge of management, which they will be able to apply in the future process of practical activity as administrators and managers, as well as to give them a general idea of the methods of personnel selection, decision-making in various situations.</p>
<p>“Valeology as a health science”</p> <p>Department of Hygiene Disciplines</p> <p>Lectures: 5 h. Practical classes: 10 h. Self-study: 15 h</p>	1	<p>The goal of the SCC is to learn the basics of a healthy lifestyle and how to model and achieve these basics. The study of the main factors affecting the state of health and the ability to correct them for health purposes. Formation ofvaleological thinking, with the aim of maintaining and sanitary and educational promotion of a healthy lifestyle, preserving and strengthening one's own health, and caring for the health of other people.</p>	<p>“Safety of a nurse when working with tuberculosis patients”</p> <p>Nursing department</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h</p>	1	<p>The course provides students with training in etiology, epidemiology, basic clinical manifestations, methods of research, treatment and care, and prevention of tuberculosis. Implementation of the nursing process in patients with various forms of tuberculosis infection, participation in preventive, therapeutic, diagnostic and rehabilitation measures</p>

<p>“Urgent conditions in otorhinolaryngology”</p> <p>Department of Otolaryngology</p> <p>Lectures: 4 h. Practical classes: 11 h. Self-study: 15 h</p>	1	<p>This course examines injuries, foreign bodies of ENT organs, nosebleeds, laryngeal stenosis of various origins, chemical burns of the pharynx and esophagus, paratonsillary abscesses and abscesses of other etiologies, etc., with the identification of characteristic symptoms and the determination of the level of topical lesions.</p>	<p>“Nursing care for infectious patients”</p> <p>Nursing department</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h</p>	1	<p>The purpose of this training program is to introduce students to the most common infectious diseases. Features of the clinical course, epidemiology of the infectious process, etiology and pathogenesis of diseases, diagnostic methods of research, principles of treatment. As well as the basic principles of nursing care for patients with infectious diseases, both in the hospital and at home</p>
<p>“Care of patients with orthopedic traumatology profile”</p> <p>Department of Traumatology</p>	1	<p>The purpose of studying the discipline "Features of care for traumatological patients" is to study the theoretical issues of providing medical care for the most common diseases and injuries that occur in accidents, consolidation and improvement of theoretical knowledge, the acquisition of future specialists skills and practical skills in the care of trauma patients.</p>	<p>“Fundamentals of Communication Psychology and Medical Communications”</p> <p>Department of Psychiatry, Psychotherapy and Narcology</p> <p>Lectures: 5 h. Practical classes: 10 h. Self-study: 15 h</p>	1	<p>The course is aimed at developing practical communication skills, the process of building communication and medical communications. Subject of study-system relationships of the nurse's relationship with others people, patients, colleagues.</p>
<p>"Newborn Care"</p> <p>Department of Propedpeditary</p>	1	<p>The elective course teaches the skills of assessing the condition of the newborn and subsequent care in the maternity hospital.</p>			

Student Choice Courses (SCC) for the 2018-2019 academic year

Specialty: "Pediatrics" 5th year

Each student is required to collect 5 credits (ECTS) within a year

List and annotations of elective courses for students to choose

5 th semester (5 credits)						
#	Title of SCC	Credit	Annotation	Title of SCC	Credit	Annotation
1	<p>“Training and motivation of patients with chronic diseases”</p> <p>Nursing department</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15ч.</p>	1	<p>This course focuses on the knowledge of the main chronic diseases and bad habits of a person who need training and motivation by nurses to improve their health.</p>	<p>“Organization of medical and social patronage of the population”</p> <p>Nursing department</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15 h.</p>	1	<p>The program introduces students to the basic concepts of medical and social patronage, medical and social aspects of a healthy lifestyle, health protection of women and children, the elderly and the disabled, the maximum orientation of their future professional activities in the field of this problem. It provides students with training in methods of organizing medical and social assistance to children and adolescents, the elderly and disabled, HIV-infected pregnant women and their children in modern social-economic conditions.</p>
	<p>“Nursing in dermatovenerology”</p> <p>Department of Dermatovenerology</p> <p>Lectures: 8 h. Practical classes: 7 h. Self-study: 15ч.</p>	1	<p>The elective course opens up the world of medical dermatocosmetology for the student. The elective course program includes the following topics: about aging of the skin, correction and prevention of various morpho-functional skin defects, prevention of premature aging of the body, early detection of diseases, basic laser technologies used in dermatology, cosmetic care for various types of skin</p>	<p>“Basic care for urinary Incontinence”</p> <p>Nursing department</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h.</p>	1	<p>The goal is to develop students' competence in the field of urological nursing in various pathologies of urinary incontinence. Study of priority areas of uronephrology such as first aid, emergency medical care for patients with urinary incontinence, care, sanitary and anti-epidemic regime, labor protection, etc.</p>

	<p>“Children's infectious diseases”</p> <p>Department of Children's Infectious Diseases</p>	1	<p>Modern problems of diagnostics and prevention of children's infectious diseases, as one of the global problems of our time, are considered. Management of sick children with diphtheria, whooping cough, mumps infection, infectious mononucleosis, and many other useful information that will help in improving qualifications and competence of specialists in the problem of children's infections.</p>	<p>“New and emerging infectious Diseases”</p> <p>Department of Infectious Diseases</p> <p>Lectures: 6 h. Practical classes: 9 h. Self-study: 15 h.</p>	1	<p>Elective provides students with the necessary information to systematize knowledge on current issues of new and emerging infections that have not found proper presentation in the main course of teaching the subject, taking into account further training and professional activity in the specialty "HNE". This is determined by the the large role played by new and returning diseases in the structure of overall morbidity and mortality.</p>
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