

Course catalogue for incoming Erasmus+ students

Nursing

2025/2026

Course title	Semester	ECTS	Lecture	Lab	Project
Anatomy	winter	6	15	30	30
Pathology	winter	6	15	30	30
Fundamentals of Nursing	winter	6	15	30	30
Primary health care	winter	6	15	30	30
Internal medicine and internal medicine nursing	winter	6	15	30	30
Pediatrics and pediatric nursing	winter	6	15	30	30
Surgery and surgical nursing	summer	6	15	30	30
Obstetrics, gynecology, and obstetric-gynecological nursing	summer	6	15	30	30
Anesthesiology and nursing in life-threatening situations	summer	6	15	30	30
Neurology and Neurological Nursing	summer	6	15	30	30
Palliative care	summer	6	15	30	30
Basics of emergency medical services	summer	6	15	30	30

Winter semester

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Anatomy		Course code P11.A.3.ANAT
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	A. Module - BASIC SCIENCES	Language	English
Semester	I	Form of assessment	Exam
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
basic knowledge of biology			
COURSE OBJECTIVE			
The aim of the course is to acquire knowledge about the correct structure of the human body in topographical terms, to use anatomical terminology, and to apply this knowledge in relation to other medical subjects.			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: the structure of the human body in a topographical approach (upper and lower limbs, chest, abdomen, pelvis, back, neck, head) and functional (musculoskeletal system, muscular system, circulatory system, respiratory system, digestive system, urinary system, reproductive systems, nervous system, sensory organs, integumentary system);		A.W.1
Skills			
U1	- the student is able to: use anatomical nomenclature in practice and apply knowledge of the topography of human organs;		A.U.1
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;		K.1

K2	- the student is prepared to: respect the rights of the patient;	K.2
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3
K4	- the student is ready to: take responsibility for their professional activities;	K.4
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7
EDUCATIONAL CONTENT		ST
TOPIC		0
Lecture		0
1	Introduction to anatomy and related sciences.	0
2	Elements of cytology and general histology.	0
3	The organism as a whole. Topographic anatomy. Main planes and axes of the body. Spatial relationships in anatomy.	0
4	The musculoskeletal system.	0
5	The digestive system. The liver and pancreas.	0
6	Respiratory system.	0
7	The urinary and reproductive systems.	0
8	Heart. Small and large circulation. Fetal circulation. Lymphatic system.	0
9	Endocrine system.	0
10	Central, peripheral, and autonomic nervous systems.	0
Practical classes		0
1	Bones and their connections. Detailed structure of the skeleton.	0
2	Division of general and detailed structure of muscles.	0
3	Structure of the digestive system and large digestive glands.	0
4	Structure of the respiratory system.	0
5	Structure of the female and male urinary systems.	0
6	Structure of the male and female reproductive systems.	0
7	Heart and blood vessels.	0
8	Detailed structure of the central nervous system: telencephalon, diencephalon, midbrain, hindbrain, medulla oblongata, spinal cord. Meninges.	0
9	Peripheral nervous system: cranial nerves, spinal nerves, spinal plexuses.	0
10	Autonomic nervous system: sympathetic and parasympathetic parts, plexuses of the nervous system.	0
11	Common covering, receptors, and sensory organs.	0
Self-study		0
1	Systemic and organ anatomy.	0
2	Head, neck, and face regions in clinical practice.	0
3	The chest region in clinical practice.	0
4	The upper and lower limbs in clinical practice.	0
5	The abdomen in clinical practice.	0
6	Nerve centers and pathways.	0
7	Autonomic innervation of organs.	0
8	Clinical anatomy.	0
TEACHING METHODS		

Lectures:
informative lecture, problem-based lecture, didactic discussion

Practical classes:
exercises in the anatomy and physiology laboratory
demonstration on phantoms and models films didactic discussion

Type of teaching tools/teaching aids:
multimedia equipment (laptop, TV, DVDs)
flipchart, markers, illustrations
mannequins: newborn, child, adult
anatomical charts and models, atlases, books, diagrams

ASSESSMENT CRITERIA

Lecture

Passing lectures - Exam (E) - lectures in the first semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- mastery of the material covered by the program,
- admission to the exam is conditional on obtaining at least a satisfactory grade for the classes,
- passing the lectures is possible after obtaining a positive grade on the exam,
- The exam is conducted using a descriptive method and consists of 20 open-ended questions.

Practical classes

Passing the classes - Pass with a grade (ZO) - classes in the first semester.

The condition for admission to the exam is 100% attendance at classes and obtaining positive grades from 4-6 partial credits in the form of a test, descriptive exam, or oral exam (in accordance with the subject assessment criteria). In the event of an excused absence, the student completes the topic orally. The final grade for the classes is the arithmetic mean of the grades obtained from all credits.

Self-study

Form and conditions for passing self-study:

Self-study is assessed during the classes. The condition for passing is the preparation of a multimedia presentation on one of the selected topics.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
Lecture			
W1	1.	attendance at classes	A.W.1
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	written descriptive test /test, written test/	
	4.	single or multiple choice test /written test/	
Skills			
Lecture			
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.U.1
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
Competencies			
Lecture			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2

K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	Practical classes
U1	1.	written descriptive test /test, written test/	A.U.1
		Competencies	Practical classes
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Knowledge	Self-study
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.W.1
		Skills	Self-study
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.U.1
		Competencies	Self-study
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
ASSESSMENT FORMS			
CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained

No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		
TEST EVALUATION CRITERIA				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
ECTS POINTS BALANCE				
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]		
		Full-time studies	Part-time studies	
Hours with direct participation of an academic teacher	Lecture	30	30	
	Practical classes	30	30	
Independent work by the student	Self-study	20	20	
Total student workload		80	80	
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
	2,2	0,8	2,2	0,8
LITERATURE				
Basic				
1	Beverly M. The Great Atlas of Human Anatomy, Buchmann, 2013.			
2	Bochenek A. Reicher M. Human Anatomy, vols. I-V, PZWL, Warsaw, vols. I, II- 2016			
Supplementary				
1	Putz R., Pabst R. Sobotta's Atlas of Human Anatomy - Parts I, II. Published by Urban & Partner, Wrocław 2011.			
2	Urbanowicz Z. Handy Dictionary of Anatomical Terminology. Published by Czelej, Lublin 2004.			
3	Woźniak W. Aleksandrowicz R. (eds.): Human Anatomy. Published by Urban & Partner, Wrocław 2015.			

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Pathology		Course code PI1.A.5.PAT
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	A. Module - BASIC SCIENCES	Language	English
Semester	II	Form of assessment	Exam
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
basic knowledge of biology and biochemistry			
COURSE OBJECTIVE			
The aim of the course is to equip students with knowledge and skills in the field of pathological processes occurring in the human body, etiology, and pathomechanism of diseases.			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: basic concepts in the field of general pathology and the pathology of individual body systems;		A.W.6
W2	- the student knows and understands: selected issues in the field of organ pathology of the circulatory system, respiratory system, digestive system, endocrine system, metabolic system, urogenital system, and nervous system;		A.W.7
W3	- the student knows and understands: external and internal, modifiable and non-modifiable disease factors;		A.W.8
Skills			
U1	- the student is able to: correlate images of tissue and organ damage with clinical symptoms of disease, medical history, and diagnostic test results;		A.U.2
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;		K.1
K2	- the student is prepared to: respect the rights of the patient;		K.2
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;		K.3
K4	- the student is ready to: take responsibility for their professional activities;		K.4

K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	External and internal, modifiable and non-modifiable pathogenic factors. Pathogenic links at the molecular, cellular, tissue, organ, and systemic levels.	0	0
2	Retrograde changes in the body: atrophy, degeneration, necrosis. Cell and tissue death.	0	0
3	Progressive changes in the body: regrowth, processing, hypertrophy, hyperplasia, wound healing, neoplasia.	0	0
4	Basics of homeostasis in the body.	0	0
5	Blood circulation disorders: hemorrhage, blood clotting, thrombus and clot, congestion (lungs, liver), infarction, embolism (pulmonary, systemic, cerebral embolism), edema, shock.	0	0
6	Hemopoiesis. Etiology, pathogenesis, and consequences of anemia, polycythemia, thrombocytosis, thrombocytopenia, excess and insufficient leukocyte counts.	0	0
7	Inflammation: classification of inflammation, acute inflammation (fibrinous, purulent), chronic inflammation.	0	0
8	Free radical reactions in the pathogenesis of diseases.	0	0
9	Mechanisms of heat production and loss. Fever and its pathogenesis.	0	0
10	Neoplasms. Carcinogens and carcinogenesis.	0	0
11	Genetically determined diseases.	0	0
12	Transplant pathology.	0	0
13	Pathology of heart and vascular diseases.	0	0
14	Respiratory system pathology.	0	0
15	Digestive system pathology.	0	0
16	Renal pathology.	0	0
17	Pathophysiology of the endocrine system. Structure and regulation of the endocrine system. Mechanism of action of hormones.	0	0
18	Infectious and parasitic diseases.	0	0
19	Pathology and specificity of diseases of the female and male reproductive systems.	0	0
20	Pathology of the central and peripheral nervous system.	0	0
Practical classes		0	0
1	Changes in the functioning of the body in the event of homeostasis disruption.	0	0
2	Inflammation - definition, etiology, pathogenesis, stages, and mediators of inflammation. Morphological and physiological properties of cells involved in the inflammatory response.	0	0
3	Types of inflammation. Resolution of inflammation.	0	0
4	Circulation regulation. Nervous and humoral regulation of blood circulation.	0	0
5	Thrombus, embolism. Virchow's triad. Classification of embolisms based on embolistic material.	0	0
6	Allergy. Demonstration of anaphylactic shock and allergic respiratory asthma.	0	0
7	Etiology and pathogenesis of the consequences of abnormal hormone function (excessive or insufficient).	0	0

8	Action of insulin. Regulation of carbohydrate metabolism. Diabetes, its pathomechanism and clinical symptoms. Types of hypoglycemia.	0	0
9	Physiology and pathology of the parathyroid glands. Tetany.	0	0
10	Water and electrolyte metabolism. Distribution of water in the body, water balance. Dehydration and hyperhydration. Pathogenesis and types of edema.	0	0
11	Shock: its essence and causes. Phases of shock. Theories of the irreversibility of the fourth phase of shock. Metabolic disorders in shock.	0	0
12	The effect of hypothermia and hyperthermia on the body.	0	0
13	Pathology of neurological disorders.	0	0
14	Fundamentals of immunology (antibodies, immune system cells), autoimmune diseases, diseases resulting from immunodeficiency.	0	0
15	Environmental and nutritional pathology: diseases related to smoking and alcohol abuse, addiction to psychoactive substances, nutritional disorders (malnutrition, obesity), adverse drug reactions, oral contraceptives.	0	0

Self-study

Self-study		0	0
1	Hypoxia. Normal and pathological blood oxygen parameters. Types of hypoxia. Adaptive mechanisms to hypoxia.	0	0
2	Morphology, classification, and characteristics of tumors.	0	0
3	Natural and artificial hypothermia. Hyperthermia and its clinical states.	0	0
4	The effect of stress on the human body - characteristics of changes resulting from stress.	0	0
5	Psychoactive substances and their impact on the body.	0	0

TEACHING METHODS

Conversational lecture with the use of audiovisual techniques.

Discussion

Situational method

Case study method

Work in exercise groups

ASSESSMENT CRITERIA

Lecture

Form and conditions for passing lectures - Exam (E) - lectures in the second semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- the exam is in written form, using a test consisting of closed questions with single or multiple answers.

Practical classes

Form and conditions for passing the classes - Pass with a grade (ZO) - classes in the second semester.

The condition for passing the exercises is attendance at classes and obtaining positive grades from partial written assessments in descriptive form or oral answers.

Self-study

Form and conditions for passing self-study

Self-study is assessed during the exercises. The condition for passing is the timely preparation of a written paper on a selected topic related to the subject of self-study.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge		Lecture	
W1	1.	single or multiple choice test /written test/	A.W.6
W2	1.	single or multiple choice test /written test/	A.W.7
W3	1.	single or multiple choice test /written test/	A.W.8

		Skills	Lecture	
U1	1.	single or multiple choice test /written test/		A.U.2
		Competencies	Lecture	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.1
	2.	student self-assessment		
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.2
	2.	student self-assessment		
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.3
	2.	student self-assessment		
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.4
	2.	student self-assessment		
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.5
	2.	student self-assessment		
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.6
	2.	student self-assessment		
		Knowledge	Practical classes	
W1	1.	attendance at classes		A.W.6
	2.	oral response /oral assessment/		
	3.	written work /paper, multimedia presentation, term paper, written test, research project/		
	4.	written descriptive test /test, written test/		
W2	1.	attendance at classes		A.W.7
	2.	oral response /oral assessment/		
	3.	written work /paper, multimedia presentation, term paper, written test, research project/		
	4.	written descriptive test /test, written test/		
W3	1.	attendance at classes		A.W.8
	2.	oral response /oral assessment/		
	3.	written work /paper, multimedia presentation, term paper, written test, research project/		
	4.	written descriptive test /test, written test/		
		Skills	Practical classes	
U1	1.	oral response /oral assessment/		A.U.2
	2.	written work /paper, multimedia presentation, term paper, written test, research project/		
	3.	written descriptive test /test, written test/		
		Competencies	Practical classes	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.1
	2.	student self-assessment		
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.2
	2.	student self-assessment		
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.3

	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	

Knowledge Self-study

W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.W.6
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.W.7
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.W.8

Skills Self-study

U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	A.U.2
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Competencies Self-study

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14

4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

ECTS POINTS BALANCE

Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies		Part-time studies	
Hours with direct participation of an academic teacher	Lecture	30		30	
	Practical classes	30		30	
Independent work by the student	Self-study	20		20	
Total student workload		80		80	
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
		2,2	0,8	2,2	0,8

LITERATURE

Basic

1	Adamek D.: Selected issues in clinical pathology. Jagiellonian University Press 2015.
2	Domagała W., Chosia M., Urańska E.: Fundamentals of pathology. PZWL, Warsaw, 2014.
3	Zahorska-Markiewicz B., Małeczka-Tendera E.: Clinical pathophysiology. Edra Urban & Partner, 2017.

Supplementary

1	Kumar Vinay, Abbas Abul K., Aster Jon C.: Robbins Pathology. Edra Urban & Partner, 2016.
2	Stevens A., Lowe J.: Pathology. Czelej, Lublin 2010

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INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Fundamentals of Nursing		Course code PII.C.17.PPIEL
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	C. Module - BASIC NURSING CARE SCIENCES	Language	English
Semester	I, II	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
Basic knowledge of human biology			
COURSE OBJECTIVE			
The aim of the course is:			
<ul style="list-style-type: none"> to familiarize students with the theoretical foundations of nursing 			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: the conditions for the development of nursing in the context of the transformation of nursing care and the professionalization of contemporary nursing;		C.W.1
W2	- the student knows and understands: the concept of nursing, including supporting, helping, and accompanying;		C.W.2
W3	- the student knows and understands: the professional functions and tasks of a nurse and the role of the patient in the process of nursing care;		C.W.3
W4	- the student knows and understands: the nursing process (essence, stages, principles) and primary nursing (essence, differences and impact of traditional nursing on the functioning of nursing practice);		C.W.4
W5	- the student knows and understands: classifications of diagnoses and nursing practices		C.W.5
W6	- the student knows and understands: the essence of nursing care based on selected theoretical assumptions (Florence Nightingale, Virginia Henderson, Dorothea Orem, Callista Roy, Betty Neuman);		C.W.6
W7	- the student knows and understands: the essence, purpose, indications, contraindications, complications, applicable rules, and techniques for performing basic nursing, diagnostic, therapeutic, and rehabilitation activities;		C.W.7

W8	- the student knows and understands: the tasks of a nurse in caring for healthy patients, patients at risk of disease, sick patients, and patients with a poor prognosis;	C.W.8
W9	- the student knows and understands: the scope and nature of nursing care in selected patient conditions, clinical situations, in self-care deficit, disturbed comfort, disturbed psychomotor sphere;	C.W.9
W10	- the student knows and understands: the scope of nursing care and nursing interventions in selected nursing diagnoses;	C.W.10
W11	- the student knows and understands: the role of a nurse in an interdisciplinary team in the process of health promotion, prevention, diagnosis, treatment, and rehabilitation;	C.W.11
Skills		
U1	- the student is able to: apply a selected nursing method in patient care;	C.U.1
U2	- the student is able to: gather information through interviews, observation, measurements, physical examination, and analysis of documentation in order to assess the patient's health and formulate a nursing diagnosis;	C.U.2
U3	- the student is able to: set nursing care goals and plans and implement them together with the patient and their family;	C.U.3
U4	- the student is able to: monitor the patient's health during their stay in hospital or other healthcare facilities;	C.U.4
U5	- the student is able to: perform ongoing and final assessments of the patient's health and nursing activities undertaken;	C.U.5
U6	- the student is able to: perform diagnostic tests to determine ketone bodies and glucose in blood and urine, cholesterol in blood, and other strip tests;	C.U.6
U7	- the student is able to: conduct, document, and evaluate the patient's fluid balance;	C.U.7
U8	- the student is able to: measure body temperature, heart rate, respiration, blood pressure, central venous pressure, circumference, saturation, peak expiratory flow, and perform anthropometric measurements (measurement of body weight, height, BMI, body fat distribution indices: WHR, WHtR, skinfold thickness);	C.U.8
U9	- the student is able to: collect material for laboratory and microbiological tests and assist the doctor in diagnostic tests;	C.U.9
U10	- the student is able to: apply anti-inflammatory treatments;	C.U.10
U11	- the student is able to: store and prepare medicines in accordance with applicable standards;	C.U.11
U12	- the student is able to: administer medicines to patients by various routes, in accordance with a written doctor's order or in accordance with their competences, and calculate medicine doses;	C.U.12
U13	- the student is able to: administer vaccinations against influenza, hepatitis, and tetanus;	C.U.13
U14	- the student is able to: perform rinsing of the mouth, throat, eye, ear, stomach, bladder, intestinal fistula, and wounds;	C.U.14
U15	- the student is able to: insert and remove a catheter from peripheral veins, perform intravenous drip infusions, and monitor and care for the site of peripheral puncture, central puncture, and vascular port.	C.U.15
U16	- the student is able to: use available methods of feeding the patient (orally, via a feeding tube, feeding fistulas);	C.U.16
U17	- the student is able to: move and position the patient using various techniques and methods;	C.U.17
U18	- the student is able to: perform breathing exercises and postural drainage, airway clearance, and inhalation;	C.U.18
U19	- the student is able to: perform rubbing, tapping, active and passive exercises;	C.U.19
U20	- the student is able to: perform hygiene procedures;	C.U.20

U21	- the student is able to: care for the skin and its appendages as well as mucous membranes using pharmacological agents and medical materials, including therapeutic baths;	C.U.21	
U22	- the student is able to: assess the risk of developing bedsores and apply preventive measures;	C.U.22	
U23	- the student is able to: perform rectal procedures;	C.U.23	
U24	- the student is able to: insert a urinary catheter, monitor diuresis, and remove the catheter;	C.U.24	
U25	- the student is able to: insert a stomach tube, monitor and remove the tube;	C.U.25	
U26	- the student is able to: maintain medical records and use them;	C.U.26	
U27	- the student is able to: apply measures to protect themselves, patients, and colleagues from infection;	C.U.49	
U28	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1	
U29	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6	
U30	- the student is able to: temporarily immobilize bone fractures, dislocations, and sprains, and prepare the patient for transport;	D.U.28	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	The concept of nursing, including support, assistance, and accompaniment. The essence of contemporary nursing. The essence and professionalization of the profession. Nursing as a profession, science, art, subject, and field of study. Prospects and directions for the development of English nursing.	0	0
2	Conditions for the development of nursing against the background of the transformation of nursing care and the professionalization of contemporary nursing. Stages of development of global and English nursing (pre-modern, modern, contemporary). Factors determining the development of nursing in Poland against the background of Europe and the world.	0	0
3	Development of nursing practice. Development of nursing education - stages, types of schools, development of higher education for nurses in Poland, Europe, and worldwide. Professional etiquette.	0	0
4	The establishment and development of professional associations and organizations at the global, European, and national levels, and the	0	0

	cooperation between these organizations. Profiles of nursing pioneers and their contribution to the development of nursing.		
5	The roles, functions, and professional tasks of nurses in the context of qualifications, competencies, and professional responsibility.	0	0
6	The tasks of nurses in caring for healthy patients, patients at risk of disease, sick patients, and patients with a poor prognosis. The participation of nurses in prevention, diagnosis, therapy, rehabilitation, and emergency care. The emergence and development of professional specialization.	0	0
7	Improvement of qualifications and development of professional competences of nurses. Formal and legal conditions of nursing and nursing health services in Poland.	0	0
8	Theoretical foundations of the nursing process (essence, stages, principles) and primary nursing (essence, distinctions) and the impact of traditional nursing on the functioning of nursing practice. Classifications of diagnoses and nursing practices.	0	0
9	Cooperation in a therapeutic team based on qualifications, competences, and professional responsibility in the process of health promotion, prevention, diagnosis, treatment, and rehabilitation.	0	0
10	Selected nursing theories (Florence Nightingale, Virginia Henderson, Dorothea Orem, Callista Roy, Betty Neuman). The scope and nature of nursing care in various patient conditions, clinical situations, in self-care deficit, disturbed comfort, disturbed psychomotor sphere.	0	0
Practical classes		0	0
1	I. Preventive and nursing measures to ensure patient comfort, safety, repositioning, and mobility.	0	0
2	Preparing the bed for the patient.	0	0
3	Making the bed with the patient lying down.	0	0
4	Using positioning techniques depending on the patient's condition.	0	0
5	Use of aids in specific body positions.	0	0
6	Moving and transporting the patient.	0	0
7	Prevention of complications in patients who are immobilized for long periods of time.	0	0
8	II. Communication in the nurse-patient relationship:	0	0
9	Principles of communication in therapeutic relationships.	0	0
10	Errors in interpersonal communication in nurse-patient relationships.	0	0
11	Ways of establishing contact with the patient in terms of preparation for surgery, care activities, and cooperation during their performance.	0	0
12	III. Care activities in the area of personal hygiene and the patient's environment.	0	0
13	Criteria for assessing the patient's hygiene.	0	0
14	Changing bed linen and personal underwear for patients.	0	0
15	Keeping the patient's bed and surroundings clean.	0	0
16	Ensuring the cleanliness of the patient's entire body.	0	0
17	Oral hygiene for seriously ill patients.	0	0
18	Care of skin appendages.	0	0
19	Maintaining hygiene in patients with difficulties in urination and defecation.	0	0
20	Post-mortem care.	0	0
21	IV. The nurse's participation in assessing the patient's health.	0	0
22	Elements of subjective and physical examination of the patient for nursing purposes.	0	0
23	Anthropometric measurements.	0	0

24	Basic vision and hearing tests.	0	0
25	Basic examination of the musculoskeletal system - assessment of posture defects.	0	0
26	Examination of physiological neurological reflexes.	0	0
27	Assessment of the patient's mental state.	0	0
28	Use of standardized scales in assessing the patient's bio-psycho-social condition.	0	0
29	V. Treatment and rehabilitation measures resulting from medical and nursing diagnoses.	0	0
30	Classic and alternative bandaging methods.	0	0
31	Anti-inflammatory treatments.	0	0
32	Gastric intubation.	0	0
33	Administration of drugs by various routes: through the digestive tract, respiratory system, locally, subcutaneously.	0	0
34	Subcutaneous injections.	0	0
35	Intramuscular injections.	0	0
36	Intradermal injections.	0	0
37	Intravenous injections.	0	0
38	Intravenous drip infusion.	0	0
39	Care of central and peripheral access sites and vascular ports.	0	0
40	Methods to assist urine excretion (bladder catheterization).	0	0
41	Methods supporting stool excretion.	0	0
42	Methods supporting breathing: (postural drainage, breathing exercises, bronchial tree toilet).	0	0
43	Passive and active exercises.	0	0
44	VI. Participation of nurses in diagnostic tests.	0	0
45	Measuring and documenting basic vital signs (temperature, heart rate, blood pressure, respiration).	0	0
46	Venous blood collection for laboratory and bacteriological tests.	0	0
47	Collection of biological material for testing.	0	0
48	Performing pulse oximetry and capnometry.	0	0
49	Performing electrocardiograms (ECG).	0	0
50	Participation of nurses in diagnostic tests: (radiological, endoscopic, ultrasound, and computerized).	0	0
51	Preparing and assisting in the collection of fluid from the peritoneal cavity.	0	0
52	Preparing and assisting in bone marrow collection.	0	0
53	Preparing and assisting in the collection of fluid from the pleural cavity.	0	0
54	Preparing and assisting with lumbar puncture.	0	0
55	Measurements of the bony pelvis.	0	0
56	VII. Therapeutic and preventive measures resulting from pre- and post-operative care.	0	0
57	Preparing nurses for instrumentation.	0	0
58	Surgical hand washing, putting on surgical underwear.	0	0
59	Preparation of the dressing table.	0	0
60	Changing the dressing on the wound.	0	0
61	VIII. Diagnostic and nursing activities in child care.	0	0
62	Anthropometric measurements in children.	0	0
63	Maintaining body cleanliness in newborns, infants, and children.	0	0
64	Principles of feeding a child at different stages of development.	0	0
ZP.		0	0

1	Organization of inpatient care. Scope of services provided. Hospital structure (medical, diagnostic, technical departments). Procedure for admitting a patient to a ward.	0	0
2	Communicating with the patient, their family, and other medical staff. Patient rights in the hospital.	0	0
3	Individual and collective hospital documentation. Scope of information contained in patient documentation. Rules for using medical documentation.	0	0
4	Paper and electronic documentation.	0	0
5	Collecting patient data through observation, interviews, direct measurements (heart rate, respiration, blood pressure, body temperature), indirect measurements, and analysis of medical records.	0	0
6	Assessment of the patient's health using the nursing process. Formulating a nursing diagnosis.	0	0
7	Hospital infections - prevention rules. Handling disposable equipment. Sterilization methods, handling sterile equipment and materials. Protection of nurses against blood-borne infections.	0	0
8	The nurse's participation in the treatment process:	0	0
9	- administering drugs orally, by subcutaneous, intradermal, intramuscular, intravenous injection, through a vascular port,	0	0
10	- administering drugs by inhalation,	0	0
11	- emergency oxygen administration, oxygen therapy,	0	0
12	- administering drugs to the skin and mucous membranes. Drugs administered by a nurse independently without a doctor's order. Competences of a bachelor of nursing in prescribing drugs.	0	0
13	Participation of nurses in the diagnostic process:	0	0
14	- measurement and assessment of vital signs	0	0
15	- collection of test materials (blood, urine, feces, sputum), collection of swabs	0	0
16	- assisting with diagnostic tests and punctures	0	0
17	- assessment of the patient's self-care ability using scales,	0	0
18	- assessing the risk of pressure ulcers using scales,	0	0
19	- assessment of the degree of bedsores according to scales	0	0
20	Issuing test orders by a nurse within the scope of their independent competence.	0	0
21	Participation of nurses in the rehabilitation process	0	0
22	- use of positioning and aids, equipment facilitating the patient's functioning in everyday life,	0	0
23	- prevention of the effects of immobilization, prevention of pressure ulcers,	0	0
24	- use of passive and active exercises, mobilization of the patient with and without equipment,	0	0
25	- use of treatments to improve blood circulation in the skin,	0	0
26	- use of treatments facilitating breathing and coughing	0	0
27	Independence of a bachelor's degree in nursing in issuing prescriptions and orders for medical devices.	0	0
PZ.		0	0
1	Ways of establishing contact with patients in the field of nursing care and cooperation during its performance.	0	0
2	Preventive and nursing activities ensuring comfort, safety, repositioning, and movement.	0	0
3	Nursing activities in the field of personal hygiene, aesthetics, and the patient's environment.	0	0

4	Bio-psycho-social assessment of the patient's condition.	0	0
5	Attempts to formulate a nursing diagnosis and document the nursing process.	0	0
6	Participation in activities resulting from nursing and medical diagnoses.	0	0
7	Caring for patients in various conditions using the nursing process.	0	0
Self-study		0	0
1	The process of nursing a patient with a chronic illness in relation to a selected nursing theory.	0	0
2	Plan of passive exercises performed by a nurse for chronically ill patients who are bedridden.	0	0
3	Recommendations for the prevention of complications of prolonged immobilization for patients and their families.	0	0
4	Modern dressings used in the prevention of bedsores.	0	0
5	Development of a "Questionnaire for collecting data on patients" hospitalized in a hospital ward.	0	0
6	Recommendations for patients with constipation.	0	0
7	Recommendations for patients with diarrhea.	0	0
8	Practical advantages of the pressure ulcer assessment scale.	0	0

TEACHING METHODS

Lecture using audiovisual techniques
 Work in exercise groups
 Case study
 Brainstorming
 Didactic discussion
 Working with paper-based medical documentation
 Demonstration
 Practical classes and professional training in natural hospital ward conditions

ASSESSMENT CRITERIA

Lecture

Form and conditions for passing lectures - Pass with a grade (ZO) - 1st semester; Exam (E) - 2nd semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer.

The conditions for admission to the final exam are:

- passing a written assignment related to the achievement of learning outcomes C.W1. and C.W2.;
- passing the exercises.

The final grade for the lectures includes: a knowledge test consisting of 20 closed and open questions checking learning outcomes.

The condition for passing the final exam is obtaining a positive grade on the knowledge test and the written test.

Practical classes

Form and conditions for passing classes at MCSM - Pass with a grade (ZO) - classes in the first semester; Pass with a grade (ZO) - classes in the second semester:

- 100% attendance at classes;
- written tests after each section of the program;
- passing the skills contained in the "Nursing Skills Card for Nurses" based on the completion of a practical task;
- systematic preparation for classes;
- active participation during classes.

ZP.

Form and conditions for passing practical classes - Pass with a grade (ZO) - practical classes in the first and second semesters:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- active participation in classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion

Self-study

Form and conditions for passing self-study:

- Passing based on the completion and presentation of a written paper in line with the self-study topic.

PZ.

Form and conditions for passing professional practice - Pass with a grade (ZO) - exercises in the second semester:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the assumptions of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge		Lecture	
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.W.2
W3	1.	single or multiple choice test /written test/	C.W.3
W4	1.	single or multiple choice test /written test/	C.W.4
W5	1.	single or multiple choice test /written test/	C.W.5
W6	1.	single or multiple choice test /written test/	C.W.6
W7	1.	single or multiple choice test /written test/	C.W.7
W8	1.	written descriptive test /test, written test/	C.W.8
W9	1.	written descriptive test /test, written test/	C.W.9
W10	1.	written descriptive test /test, written test/	C.W.10
W11	1.	written descriptive test /test, written test/	C.W.11
Competencies		Lecture	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1

K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
Skills Practical classes			
U1	1.	case study /written assignment/	C.U.1
U2	1.	report using the nursing process method /nursing process/	C.U.2
U3	1.	report using the nursing process method /nursing process/	C.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.4
U5	1.	report using the nursing process method /nursing process/	C.U.5
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.6
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.7
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.8
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.9
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.10
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.11
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.12
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.13
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.14
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.15
U16	1.	practical test with a checklist	C.U.16
	2.	practical test with mini CEX and/or observation	
U17	1.	practical test with mini CEX and/or observation	C.U.17
U18	1.	practical test with mini CEX and/or observation	C.U.18
U19	1.	practical test with mini CEX and/or observation	C.U.19
U20	1.	practical test with mini CEX and/or observation	C.U.20
U21	1.	practical test with mini CEX and/or observation	C.U.21
U22	1.	practical test with a checklist	C.U.22
	2.	practical test with mini CEX and/or observation	
U23	1.	practical test with a checklist	C.U.23
	2.	practical test with mini CEX and/or observation	
U24	1.	practical test with a checklist	C.U.24

	2.	practical test with mini CEX and/or observation	
U25	1.	practical test with a checklist	C.U.25
	2.	practical test with mini CEX and/or observation	
U26	1.	practical test with mini CEX and/or observation	C.U.26
U27	1.	practical test with a checklist	C.U.49
	2.	practical test with mini CEX and/or observation	
U28	1.	report using the nursing process method /nursing process/	D.U.1
U29	1.	practical test with a checklist	D.U.6
	2.	practical test with mini CEX and/or observation	
U30	1.	practical test with a checklist	D.U.28
	2.	practical test with mini CEX and/or observation	
Competencies Practical classes			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills ZP.			
U1	1.	case study /written assignment/	C.U.1
U2	1.	report using the nursing process method /nursing process/	C.U.2
U3	1.	report using the nursing process method /nursing process/	C.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.4
U5	1.	report using the nursing process method /nursing process/	C.U.5
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.6
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.7
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.8
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.9
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.10

U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.11
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.12
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.13
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.14
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.15
U16	1.	practical test with a checklist	C.U.16
	2.	practical test with mini CEX and/or observation	
U17	1.	practical test with mini CEX and/or observation	C.U.17
U18	1.	practical test with mini CEX and/or observation	C.U.18
U19	1.	practical test with mini CEX and/or observation	C.U.19
U20	1.	practical test with mini CEX and/or observation	C.U.20
U21	1.	practical test with mini CEX and/or observation	C.U.21
U22	1.	practical test with a checklist	C.U.22
	2.	practical test with mini CEX and/or observation	
U23	1.	practical test with a checklist	C.U.23
	2.	practical test with mini CEX and/or observation	
U24	1.	practical test with a checklist	C.U.24
	2.	practical test with mini CEX and/or observation	
U25	1.	practical test with a checklist	C.U.25
	2.	practical test with mini CEX and/or observation	
U26	1.	practical test with mini CEX and/or observation	C.U.26
U27	1.	practical test with a checklist	C.U.49
	2.	practical test with mini CEX and/or observation	
U28	1.	report using the nursing process method /nursing process/	D.U.1
U29	1.	practical test with a checklist	D.U.6
	2.	practical test with mini CEX and/or observation	
U30	1.	practical test with a checklist	D.U.28
	2.	practical test with mini CEX and/or observation	
Skills PZ.			
U2	1.	report using the nursing process method /nursing process/	C.U.2
U3	1.	report using the nursing process method /nursing process/	C.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.4
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.6
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.7
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.8
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.9
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.10
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.11

U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.12
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.13
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.14
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.15
U16	1.	practical test with a checklist	C.U.16
	2.	practical test with mini CEX and/or observation	
U17	1.	practical test with mini CEX and/or observation	C.U.17
U18	1.	practical test with mini CEX and/or observation	C.U.18
U19	1.	practical test with mini CEX and/or observation	C.U.19
U20	1.	practical test with mini CEX and/or observation	C.U.20
U21	1.	practical test with mini CEX and/or observation	C.U.21
U22	1.	practical test with a checklist	C.U.22
	2.	practical test with mini CEX and/or observation	
U23	1.	practical test with a checklist	C.U.23
	2.	practical test with mini CEX and/or observation	
U24	1.	practical test with a checklist	C.U.24
	2.	practical test with mini CEX and/or observation	
U25	1.	practical test with a checklist	C.U.25
	2.	practical test with mini CEX and/or observation	
U26	1.	practical test with mini CEX and/or observation	C.U.26
U27	1.	practical test with a checklist	C.U.49
	2.	practical test with mini CEX and/or observation	
U28	1.	practical test with a checklist	D.U.1
	2.	practical test with mini CEX and/or observation	
U29	1.	practical test with a checklist	D.U.6
	2.	practical test with mini CEX and/or observation	
U30	1.	practical test with a checklist	D.U.28
	2.	practical test with mini CEX and/or observation	
Competencies PZ.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6

	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8

CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

NURSING PROCESS ASSESSMENT CRITERIA

NURSING PROCESS ASSESSMENT CRITERIA			Assessment scaleof the nursing process in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12

TOTAL:			23		
			points		
mini-CEX EVALUATION CRITERIA				mini-CEX rating scale in relation to number of points obtained	
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9	
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6	
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3	
TOTAL:			9 points		
EVALUATION CRITERIA for practical test by observation				Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12	
2.	Correctness of the physical examination performed.	0-3			
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8	
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5	
TOTAL:			12		
			points		
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)					
1.	very good	5	very good	91% and above correct answers	
2.	good plus	4,5	good plus	81-90% correct answers	
3.	good	4	good	71-80% correct answers	
4.	sufficient plus	3,5	dst plus	66-70% correct answers	
5.	Satisfactory	3	dst	60-65% correct answers	
6.	unsatisfactory	2	ndst	below 60% correct answers	
ECTS POINTS BALANCE					
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies	Part-time studies		
Hours with direct participation of an academic teacher	Lecture	60	60		
	Practical classes	210	210		
	ZP.	80	80		
	PZ.	120	120		
Independent work by the student	Self-study	30	30		
Total student workload		500	500		
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
		15,4	1,6	15,4	1,6
LITERATURE					
Basic					
1	Zarzycka D., Ślusarska B., Fundamentals of Nursing, vol. I, PZWL Medical Publishing House, Warsaw, 2017.				
2	Ślusarska B., Zarzycka D., Majda A., Fundamentals of Nursing, vol. II, PZWL Medical Publishing House, Warsaw, 2017.				
3	Zarzycka D, Ślusarska B. Fundamentals of Nursing: Vol. 1: Conceptual and Empirical Assumptions of Nursing Care. Warsaw, PZWL Medical Publishing House 2018.				

4	Zarzycka D, Ślusarska B, Majda A. Fundamentals of Nursing. Vol. 2: Selected Nursing Skills and Procedures. Warsaw, PZWL Medical Publishing House 2019.
Supplementary	
1	Czekirda M., Calculating drug doses, PZWL Medical Publishing House, Warsaw 2017.
2	Ciechaniewicz W., Grochans E., Łoś E., Intradermal, subcutaneous, intramuscular, and intravenous injections, PZWL Medical Publishing House, Warsaw 2019.
3	Ślusarska B, Zarzycka D, Majda A. (eds.). Nursing skills. Checklist catalog: exercise materials on the basics of nursing. Warsaw, PZWL Medical Publishing House 2017.

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Primary health care	Course code	PH1.C.20.POZ
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	C. Module - BASIC NURSING CARE SCIENCES	Language	English
Semester	V, VI	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project	Laboratory	
15	30	30	
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work	90		
Total	150		
ECTS	6		
PREREQUISITES			
Knowledge and skills in the field of: physiology, pathology, nursing basics, physical examinations, pharmacology, and specialist nursing.			
COURSE OBJECTIVE			
The aim of the course is to prepare students in the planning, implementation, and evaluation of activities undertaken as part of community and family nursing care for healthy, sick, and disabled people in their living, working, educational, and learning environments.			
LEARNING OUTCOMES			
CODE	DESCRIPTION	LEARNING OUTCOME	
Knowledge			
W1	- students know and understand: the organization and functioning of primary health care in the Republic of Poland and other countries, including the tasks of nurses and other health care professionals;	C.W.19	
W2	- the student knows and understands: the conditions for the implementation and financing of nursing services in primary health care;	C.W.20	
W3	- the student knows and understands: methods of assessing the teaching and education environment in terms of identifying health problems in children and young people;	C.W.21	
Skills			
U1	- the student is able to: apply a selected nursing method in patient care;	C.U.1	
U2	- the student is able to: gather information through interviews, observation, measurements, physical examination, and analysis of documentation in order to assess the patient's health and formulate a nursing diagnosis;	C.U.2	
U3	- the student is able to: assess the health potential of the patient and their family using scales, grids, and measurements;	C.U.28	
U4	- the student is able to: recognize the determinants of the patient's health behaviors and risk factors for lifestyle-related diseases;	C.U.29	

U5	- the student is able to: select methods and forms of disease prevention and shape the health behaviors of various social groups;	C.U.30	
U6	- the student is able to: teach the patient self-monitoring of their health;	C.U.31	
U7	- the student is able to: develop and implement individual health promotion programs for patients, families, and social groups;	C.U.32	
U8	- the student is able to: provide health services in the field of primary health care;	C.U.33	
U9	- the student is able to: assess the living, teaching, and working environment in terms of identifying health problems;	C.U.34	
U10	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1	
U11	- the student is able to: assess the psychophysical development of a child, perform screening tests and detect developmental disorders;	D.U.5	
U12	- the student is able to: prepare prescriptions for medicinal substances as part of ongoing treatment;	D.U.14	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	The organization of primary health care in Poland and the principles of its financing and concluding contracts for primary health care services.	0	0
2	Cooperation with local government and the non-governmental sector in the provision of primary healthcare services.	0	0
3	Health promotion and prevention in primary healthcare - the role and tasks of a primary healthcare nurse.	0	0
4	Patient safety in primary healthcare.	0	0
5	Communication with patients in the work of a primary healthcare nurse.	0	0
6	Chronically ill and disabled patients in the practice of a primary healthcare nurse.	0	0
7	Nursing in the teaching and education environment – problems diagnosed in the school environment.	0	0
8	The role and tasks of nurses in caring for the health of working people.	0	0
Practical classes		0	0
1	Competencies of a primary care nurse. Holism in the work of a primary care nurse.	0	0

2	Nursing documentation in primary care nursing practice. Differences and similarities.	0	0
3	Environmental nursing diagnosis. Characteristics of the environment of patients - genogram, environmental interview.	0	0
4	Planning nursing care in primary care based on case descriptions and identified health and environmental needs.	0	0
5	Health education in the patient's environment - scope, activities, planning of educational activities based on identified needs.	0	0
6	Teaching and education environment - scope of activities of a teaching and education environment nurse, their specificity, requirements, cooperation in primary health care.	0	0
ZP CSM		0	0
1	The role of primary care nurses in health promotion, prevention, treatment, and rehabilitation of patients with diseases of selected systems.	0	0
2	The work of nurses in primary health care based on the list of guaranteed services and the conditions for their implementation.	0	0
ZP.		0	0
1	Specific nature of the work of nurses in various organizational forms of primary health care.	0	0
2	Information management in primary health care.	0	0
3	Documentation of nursing work and care in primary health care.	0	0
4	The specifics of the nursing process in the work of a family nurse.	0	0
5	The role of primary care nurses in health promotion, prevention, treatment, and rehabilitation of patients with diseases of selected systems.	0	0
6	The work of nurses in primary health care based on the list of guaranteed services and the conditions for their implementation.	0	0
7	Diagnosing the health situation of children and the school environment.	0	0
8	The role of a nurse in caring for a disabled patient in a home environment.	0	0
9	Nursing care program for a selected group of children, adolescents, or adults.	0	0
10	The tasks of a family nurse in caring for seniors at home.	0	0
PZ.		0	0
1	Communication of a nurse in the patient's environment. Recognizing the condition of a healthy person.	0	0
2	Principles of collecting targeted environmental information for the purposes of the nursing process.	0	0
3	Assessment of health risks, the patient's degree of independence, and the family's nursing and care capacity.	0	0
4	Analysis of the information collected in terms of assessing the lifestyle of patients in their environment.	0	0
5	Planning health-promoting activities based on identified risk factors, aimed at maintaining and improving health.	0	0
6	Diagnosing the situation of patients in primary health care facilities.	0	0
7	Planning, implementing, and evaluating activities undertaken for the benefit of patients in health and sickness.	0	0
8	Implementation of health education programs.	0	0
9	Performing care and nursing tasks (cooperation with various local community institutions).	0	0
10	Performing nursing tasks in the teaching and education environment.	0	0
11	Cooperation between community nurses and geriatric patients and their families.	0	0

12	Care and rehabilitation activities in the environment of bedridden and disabled patients.	0	0
13	Health promotion and prevention in the environments of those under care.	0	0
TEACHING METHODS			
Conventional lecture and conversational lecture using audiovisual techniques, talks, discussion, group work, practical classes.			
ASSESSMENT CRITERIA			
Lecture			
Pass with a grade (ZO) in the fifth semester: 1. Attendance at lectures. 2. Successful completion of self-study. 3. Written test consisting of 5 questions or oral answers to 3 randomly selected questions. Exam (E) in the sixth semester 1. Attendance at lectures. 2. Passing the written test or written exam. 3. The condition for admission to the exam is passing the exercises, practical classes, and self-study.			
Practical classes			
Pass with a grade (ZO) in the fifth semester 1. Attendance at classes. 2. Preparation of a sample record of a community interview for the purposes of prevention and nursing care within the framework of primary health care. 3. Development of a prevention program selected by the student for a selected group of recipients.			
ZP CSM			
Form and conditions for passing ZP CSM: <ul style="list-style-type: none"> • 100% attendance at classes (attendance confirmed by an attendance list), • assessment of preparation for classes - oral response, test, • class participation, • completion of the task specified in the class scenario, • performance of professional tasks in accordance with the procedures in force at the facility, • compliance with the rules and regulations of practical classes, • passing individual skills in the list of skills to be passed in the nursing profession - practical test, • assessment of the student's attitude towards patients and their relatives as well as the facility's employees, • student self-assessment of the course. 			
ZP.			

Pass with a grade (ZO) - practical classes in the fifth semester.

Pass with a grade (ZO) - practical classes in the sixth semester.

Assessment criteria:

- 100% attendance (confirmed by the attendance list),
- assessment of preparation for classes - oral response, test,
- class participation,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts,
- performing professional tasks in accordance with the procedures in force at the entity,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as the facility's employees,
- student self-assessment of the implementation of classes.

Self-study

Form and conditions for passing self-study:

completion based on the completion and presentation of a written paper in line with the topic of self-study.

PZ.

Professional practice - (ZO) passing with a grade in the fifth and sixth semesters.

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as the facility's employees,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
		Knowledge	Lecture
W1	1.	oral response /oral assessment/	C.W.19
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	C.W.20
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	C.W.21
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
		Skills	Practical classes
U1	1.	report using the nursing process method /nursing process/	C.U.1
U2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.U.2
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.29

U7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.U.32
	2.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	
U11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.5
	2.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	
		Competencies	Practical classes
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	ZP CSM
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.28
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.30
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.31
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.33
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.34
		Competencies	ZP CSM
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	

K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills ZP.			
U1	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.28
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.29
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.30
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.31
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.32
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.33
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.34
U10	1.	report using the nursing process method /nursing process/	D.U.1
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.14
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.W.19
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.W.20
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	C.W.21
Skills PZ.			
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.31
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.32
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.33
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	C.U.34
U10	1.	report using the nursing process method /nursing process/	D.U.1
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.14
Competencies PZ.			

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral response grading scale in relation to the number of points obtained	
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No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8

CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written response grading scale in relation to the number of points obtained	
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No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

NURSING PROCESS ASSESSMENT CRITERIA				Assessment scale of the nursing process in relation to number of points obtained	
No.	CRITERIA	Number of points			
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23	
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3			
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20	
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18	
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16	
6.	Knowledge, understanding of the subject.	0-3			
7.	Use of correct terminology.	0-3	Satisfactory	12-14	
8.	Aesthetics of the work.	0-2	unsatisfactory	<12	
TOTAL:		23 points			
mini-CEX EVALUATION CRITERIA			mini-CEX rating scale in relation to number of points obtained		
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9	
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6	
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3	
TOTAL:		9 points			
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained		
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12	
2.	Correctness of the physical examination performed.	0-3			
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8	
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5	
TOTAL:		12 points			
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)					
1.	very good	5	very good	91% and above correct answers	
2.	good plus	4,5	good plus	81-90% correct answers	
3.	good	4	good	71-80% correct answers	
4.	sufficient plus	3,5	dst plus	66-70% correct answers	
5.	Satisfactory	3	dst	60-65% correct answers	
6.	unsatisfactory	2	ndst	below 60% correct answers	
ECTS POINTS BALANCE					
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies		Part-time studies	
Lecture		30		30	

Hours with direct participation of an academic teacher	Practical classes	15	15	
	ZP CSM	12	12	
	ZP.	108	108	
	PZ.	160	160	
Independent work by the student	Self-study	15	15	
Total student workload		340	340	
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
	7	6	7	6
LITERATURE				
Basic				
1	Ślusarska B., Marcinowicz L., Kocka K., Family nursing and community care. PZWL. Warsaw 2019.			
2	Lewko J. Kopych BE., Treatment and nursing procedures in community and long-term care. PZWL. Warsaw 2020.			
3	Pietrzak M., Knoff B., Kryczka T., Nursing in primary health care. PZWL Medical Publishing House. Warsaw 2021.			
Supplementary				
1	Nowacka A., Kabała A., Pawłowska E., Primary Health Care in Poland: Structure, Tasks, Functions. PZWL. Warsaw 2017.			
2	Gibiński M., Ciemierz R., Medical documentation in nursing and midwifery practice. PZWL. Warsaw 2016.			
3	Legal acts concerning primary healthcare, financing of services, scope of competence. Act of October 27, 2017 on primary healthcare, as amended. Journal of Laws 2021. 1050. https://sip.lex.pl/akty-prawne/dzu-dziennik-ustaw/podstawowa-opieka-zdrowotna-18655397			

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Internal medicine and internal medicine nursing		Course code P11.D.28.CHWPI
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	III, IV	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
basic knowledge of anatomy, physiology, and nursing fundamentals			
COURSE OBJECTIVE			
The aim of the course/module is: to familiarize students with the causes, clinical picture, diagnosis, treatment, and care of patients undergoing conservative treatment, including elements of health education			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;		D.W.1
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;		D.W.2
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;		D.W.3
W4	- the student knows and understands: types of diagnostic tests and the principles of ordering them;		D.W.4
W5	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures		D.W.5
W6	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;		D.W.6
W7	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;		D.W.7

W8	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8
W9	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);	D.W.10
W10	- the student knows and understands: the pathophysiology and clinical symptoms of life-threatening diseases (respiratory failure, circulatory failure, nervous system failure, shock, sepsis);	D.W.31
W11	- the student knows and understands: methods and scales for assessing pain, sedation levels, sleep disorders, and delirium in patients in life-threatening conditions;	D.W.32
W12	- the student knows and understands: methods and techniques of communicating with patients who are unable to establish and maintain effective communication due to their health condition or treatment;	D.W.33
W13	- the student knows and understands: the principles of first aid and resuscitation algorithms in the field of basic life support (BLS) and advanced life support (ALS);	D.W.35
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U5	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U6	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U7	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U8	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U9	- the student is able to: modify the fixed dose of fast- and short-acting insulin;	D.U.11
U10	- the student is able to: prepare the patient physically and mentally for diagnostic tests;	D.U.12
U11	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U12	- the student is able to: document the patient's health status, the dynamics of its changes, and the nursing care provided, taking into account IT tools for data collection;	D.U.15
U13	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U14	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U15	- the student is able to: assist the doctor during diagnostic tests;	D.U.23
U16	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24
U17	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25

U18	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26
U19	- the student is able to: provide first aid in life-threatening situations;	D.U.27
Competencies		
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1
K2	- the student is prepared to: respect the rights of the patient;	K.2
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3
K4	- the student is ready to: take responsibility for their professional activities;	K.4
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7
EDUCATIONAL CONTENT		ST
TOPIC		0
Lecture		0
1	Modern diagnostics of selected internal diseases.	0
2	Principles of pharmacotherapy in internal diseases.	0
3	Clinical part:	0
4	Bio-psycho-social causes, symptoms, and consequences of somatic diseases.	0
5	Etiology of selected diseases of the circulatory, respiratory, digestive, and urinary systems.	0
6	Main symptoms of diseases of the circulatory, respiratory, digestive, and urinary systems.	0
7	Nursing section:	0
8	Care for patients with internal organ diseases. Periods of hospitalisation.	0
9	The tasks of a nurse in the process of diagnosing and treating patients in an internal medicine ward. Methods of obtaining information necessary to establish a nursing diagnosis.	0
10	Hospitalization as a difficult situation - the tasks of a nurse towards a patient during hospitalization.	0
11	General characteristics of pathological symptoms of cardiovascular diseases. Cardiological diagnostics.	0
12	The nurse's role in the diagnosis of cardiovascular diseases.	0
13	Caring for patients with ischemic heart disease and hypertension.	0
14	The tasks of a nurse in caring for patients with heart failure.	0
15	Caring for patients with myocarditis.	0
16	Characteristics of causes and pathological symptoms of the respiratory system.	0
17	Diagnostics in pulmonology - the tasks of a nurse.	0
18	Caring for patients with acute inflammatory respiratory diseases (bronchitis, tracheitis, sinusitis, pneumonia).	0
19	The tasks of a nurse in caring for patients with chronic obstructive pulmonary disease and bronchial asthma. Nursing problems in caring for patients with tuberculosis.	0

20	Characteristics of causes and pathological symptoms of the gastrointestinal tract. Gastroenterological diagnostics.	0	0
21	The nurse's role in the diagnosis of gastrointestinal diseases.	0	0
22	Nursing care for patients with gastric and duodenal ulcers.	0	0
23	Nursing problems in caring for patients with chronic pancreatitis.	0	0
24	The role of nurses in caring for patients with diabetes. Diabetes education.	0	0
25	The role of nurses in caring for patients with chronic renal failure.	0	0
26	Nursing problems in caring for dialysis patients.	0	0
27	Nursing care for patients with nephrotic syndrome.	0	0
28	Nursing care for patients with liver cirrhosis.	0	0
29	The role of nurses in caring for patients with ulcerative colitis and Crohn's disease.	0	0
30	The tasks of a nurse in caring for patients with hyperthyroidism.	0	0
31	Characteristics of causes and pathological symptoms of the urinary tract. The tasks of a nurse in urological diagnostics.	0	0
32	Caring for patients with inflammatory diseases of the kidneys and urinary tract.	0	0
33	Nursing care for patients with acute and chronic renal failure.	0	0
34	The role of nurses in caring for patients with anemia.	0	0
35	Nursing problems in caring for patients with leukemia.	0	0
36	The role of nurses in caring for patients with rheumatoid arthritis.	0	0
ZP CSM		0	0
1	The role of the internal medicine nurse in basic and physical examinations.	0	0
2	The participation of nurses in preparing for diagnostic tests performed in gastrointestinal diseases.	0	0
3	Participation in preparing patients for healthy behaviors.	0	0
4	The ability to correctly assess the patient's condition, formulate tasks tailored to the patient's needs, implement and evaluate the effectiveness of the measures taken.	0	0
ZP.		0	0
1	The role of the internal medicine nurse in basic and physical examinations.	0	0
2	The process of nursing patients in the internal medicine ward, documentation of the process.	0	0
3	Solving nursing problems of patients with cardiovascular diseases (ischemic heart disease, hypertension, heart failure).	0	0
4	Caring for patients with pneumonia.	0	0
5	The process of caring for patients with bronchitis and pneumonia.	0	0
6	Preparing COPD patients for self-care.	0	0
7	The participation of nurses in preparing for diagnostic tests performed in gastrointestinal diseases.	0	0
8	Caring for patients with peptic ulcer disease.	0	0
9	Recognizing and solving care problems in patients diagnosed with cirrhosis of the liver.	0	0
10	Caring for patients with diabetes.	0	0
11	Educating patients with diabetes on self-monitoring and self-care.	0	0
12	Nursing care for patients with hypothyroidism.	0	0
13	Planning care for patients with pyelonephritis.	0	0
14	Nursing problems in caring for patients with nephrosis.	0	0
15	Participation in dietary, pharmacological, and dialysis treatment of patients with renal failure.	0	0
16	Principles of nursing care for patients with anemia.	0	0
17	Nursing care for patients with rheumatoid arthritis.	0	0

18	Participation of nurses in the rehabilitation of patients with changes in the musculoskeletal system.	0	0
19	Participation in pharmacological treatment and rehabilitation of patients with disabilities.	0	0
20	Participation in preparing patients for healthy behaviors.	0	0
21	The ability to correctly assess the patient's condition, formulate tasks tailored to the patient's needs, implement and evaluate the effectiveness of the measures taken.	0	0
PZ.		0	0
1	Nursing diagnosis and the participation of nurses in diagnostic tests performed in the internal medicine ward for cardiovascular diseases.	0	0
2	Standards and procedures used in solving nursing problems in patients with: ischemic heart disease, hypertension, myocarditis, heart defects, circulatory failure.	0	0
3	The nurse's participation in the treatment of cardiovascular diseases, including activities performed independently by the nurse.	0	0
4	Educational tasks of nurses towards patients with cardiovascular diseases.	0	0
5	Nursing diagnosis and the role of nurses in diagnostic tests for respiratory diseases.	0	0
6	Recognizing and solving nursing problems in selected respiratory diseases.	0	0
7	The participation of nurses in the rehabilitation of patients with respiratory diseases.	0	0
8	Nursing diagnosis and the nurse's participation in diagnostic tests performed in gastrointestinal diseases.	0	0
9	Nursing problems and their resolution in patients with gastroenterological problems.	0	0
10	Preparing patients for gastroscopy and colonoscopy.	0	0
11	The role of nurses in the dietary and pharmacological treatment of patients with specific internal medical conditions.	0	0
12	Nursing diagnosis and the nurse's participation in tests performed in urinary tract diseases.	0	0
13	Assessment of the patient's hydration status - diagnostic activities and participation in therapy.	0	0
14	Nursing diagnosis in diseases of the blood and hematopoietic system.	0	0
15	Care issues in patients with anemia and hemorrhagic diathesis - application of procedures to resolve them.	0	0
Self-study		0	0
1	Preparing patients with symptoms of irritable bowel syndrome for self-care at home.	0	0
2	The role of the nurse in primary and secondary prevention of ischemic heart disease.	0	0
3	Thrombolytic treatment of myocardial infarction - the nurse's tasks.	0	0
4	Preparing patients for diabetes treatment using continuous subcutaneous insulin infusion.	0	0
5	Nutrition for dialysis patients - the role of nurses in preparing patients for self-care.	0	0
6	The educational role of nurses in hygiene and prevention of respiratory diseases.	0	0
7	The educational role of nurses in the prevention of musculoskeletal disorders.	0	0
TEACHING METHODS			

Conversational lecture using audiovisual techniques.

Practical classes:

teamwork, case study, instruction, demonstration.

Professional practice:

teamwork, case studies, demonstrations, instruction.

ASSESSMENT CRITERIA

Lecture

Form and conditions for passing lectures - Pass with a grade (ZO) - lectures in the third semester; Exam (E) - lectures in the fourth semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- written test or descriptive exam;
- final test (4 - after completing classes on nursing care in diseases of the circulatory, respiratory, digestive, and urinary systems);
- activity during lectures.

ZP CSM

Form and conditions for passing ZP CSM:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- class participation,
- completion of the task specified in the class scenario,
- performing professional tasks in accordance with the procedures in force in the department,
- compliance with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the course.

ZP.

Form and conditions for passing practical classes at CSM and practical classes at a healthcare facility - Pass with a grade (ZO) - practical classes in the third semester; Pass with a grade (ZO) - practical classes in the fourth semester:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes

Self-study

Form and conditions for passing self-study:

completion based on the completion and presentation of a written paper in line with the topic of self-study.

PZ.

Form and conditions for passing professional practice - Pass with a grade (ZO) - professional practice in the fourth semester:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
	Knowledge	Lecture	
W1	1.	oral response /oral assessment/	D.W.1
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.2
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	D.W.3
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.4
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W5	1.	oral response /oral assessment/	D.W.5
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.6
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.7
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.8
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.10
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	

W10	1.	oral response /oral assessment/	D.W.31
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W11	1.	oral response /oral assessment/	D.W.32
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W12	1.	oral response /oral assessment/	D.W.33
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W13	1.	oral response /oral assessment/	D.W.35
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
Competencies Lecture			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
Skills ZP CSM			
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15

U14	1.	nursing report/duty report/	D.U.22
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies ZP CSM			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills ZP.			
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13

U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U14	1.	nursing report/duty report/	D.U.22
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies ZP.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7

W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.10
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.31
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.32
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.33
W13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.35
Skills Self-study			
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.1
U2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.2
U3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.3
U4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.6
U5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.7
U6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.8
U7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.9
U8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.10
U9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.11
U10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.12
U11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.13
U12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.15
U13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.18
U14	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.22
U15	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.23
U16	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.24
Skills PZ.			
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3

U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U14	1.	nursing report/duty report/	D.U.22
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies PZ.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	

K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
ASSESSMENT FORMS			
CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained
No.	CRITERIA	Number of points	
			very good 16
1.	Knowledge, understanding of the subject.	0-5	good plus 15
2.	Up-to-date knowledge of the subject area.	0-5	good 13-14
3.	Use of correct terminology.	0-3	sufficient plus 11-12
4.	Coherence of the statement.	0-3	Satisfactory 9-10
TOTAL:		16 points	unsatisfactory <8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained
No.	CRITERIA	Number of points	
			very good 19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus 17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good 15-16
3.	Maintaining the correct structure.	0-3	sufficient plus 13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory 11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory <10
6.	Aesthetics of the work.	0-2	
TOTAL:		20 points	
TEST EVALUATION CRITERIA			
1.	very good	5	very good 91% and above correct answers
2.	good plus	4,5	good plus 81-90% correct answers
3.	good	4	good 71-80% correct answers
4.	sufficient plus	3,5	dst plus 66-70% correct answers
5.	Satisfactory	3	dst 60-65% correct answers
6.	unsatisfactory	2	ndst below 60% correct answers
NURSING PROCESS ASSESSMENT CRITERIA			Assessment scale of the nursing process in relation to number of points obtained
No.	CRITERIA	Number of points	
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good 21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3	
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus 19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good 17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus 15-16
6.	Knowledge, understanding of the subject.	0-3	
7.	Use of correct terminology.	0-3	Satisfactory 12-14
8.	Aesthetics of the work.	0-2	unsatisfactory <12

TOTAL:			23		
			points		
mini-CEX EVALUATION CRITERIA				mini-CEX rating scale in relation to number of points obtained	
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9	
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6	
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3	
TOTAL:			9 points		
EVALUATION CRITERIA for practical test by observation				Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12	
2.	Correctness of the physical examination performed.	0-3			
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8	
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5	
TOTAL:			12		
			points		
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)					
1.	very good	5	very good	91% and above correct answers	
2.	good plus	4,5	good plus	81-90% correct answers	
3.	good	4	good	71-80% correct answers	
4.	sufficient plus	3,5	dst plus	66-70% correct answers	
5.	Satisfactory	3	dst	60-65% correct answers	
6.	unsatisfactory	2	ndst	below 60% correct answers	
ECTS POINTS BALANCE					
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies	Part-time studies		
Hours with direct participation of an academic teacher	Lecture	60	60		
	ZP CSM	12	12		
	ZP.	108	108		
	PZ.	160	160		
Independent work by the student	Self-study	40	40		
Total student workload		380	380		
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
		10	2	10	2
LITERATURE					
Basic					
1	Talarska D., Zuzulinska-Ziółkiewicz D.: Internal Medicine Nursing, PZWL, Warsaw 2017.				
2	Jurkowska G., Łagoda K. Internal Medicine Nursing. PZWL Medical Publishing House, Warsaw 2015.				
Supplementary					
1	Doboszyńska A. (ed.): Symptoms of Internal Diseases: A Handbook for Students. PZWL Medical Publishing House, Warsaw 2013.				

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Pediatrics and pediatric nursing		Course code PII.D.29.PPD
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	III, IV	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
Knowledge of anatomy, physiology, and the basics of nursing			
COURSE OBJECTIVE			
The aim of the course/module is:			
<ul style="list-style-type: none"> to familiarize students with the pathogenesis, principles of treatment, and care of the most common developmental diseases, including life-threatening conditions 			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;		D.W.2
W2	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;		D.W.3
W3	- the student knows and understands: types of diagnostic tests and the principles of ordering them;		D.W.4
W4	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures		D.W.5
W5	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;		D.W.6
W6	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;		D.W.7

W7	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8
W8	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);	D.W.10
W9	- the student knows and understands: pathophysiology, clinical symptoms, course, treatment, and prognosis of developmental diseases: respiratory system, circulatory system, nervous system, urinary tract, digestive system, as well as endocrine, metabolic, allergic, and blood diseases;	D.W.13
W10	- the student knows and understands: the pathophysiology, clinical symptoms of diseases and life-threatening conditions in newborns, including premature babies, and the basics of nursing care in this area;	D.W.14
W11	- the student knows and understands: methods, techniques, and tools for assessing consciousness and alertness;	D.W.18
W12	- the student knows and understands: standards and procedures for emergency situations and life-saving procedures;	D.W.28
W13	- the student knows and understands: the pathophysiology and clinical symptoms of life-threatening diseases (respiratory failure, circulatory failure, nervous system failure, shock, sepsis);	D.W.31
W14	- the student knows and understands: the principles of first aid and resuscitation algorithms in the field of basic life support (BLS) and advanced life support (ALS);	D.W.35
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: organize the isolation of patients with infectious diseases in public places and at home;	D.U.4
U5	- the student is able to: assess the psychophysical development of a child, perform screening tests and detect developmental disorders;	D.U.5
U6	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U7	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U8	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U9	- the student is able to: prepare the patient physically and mentally for diagnostic tests;	D.U.12
U10	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U11	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U12	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U13	- the student is able to: assist the doctor during diagnostic tests;	D.U.23
U14	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24

U15	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26
U16	- the student is able to: provide first aid in life-threatening situations;	D.U.27
Competencies		
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1
K2	- the student is prepared to: respect the rights of the patient;	K.2
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3
K4	- the student is ready to: take responsibility for their professional activities;	K.4
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7
EDUCATIONAL CONTENT		ST
TOPIC		0
Lecture		0
1	Modern diagnostics and therapy in pediatrics.	0
2	Conditions threatening the life and health of premature babies and newborns.	0
3	Diseases of the neonatal period.	0
4	Respiratory diseases and the most common otolaryngological diseases, cardiovascular diseases, the most common diseases of the hematopoietic system, diseases of the urinary system, selected diseases of the endocrine system.	0
5	Fundamentals of immunology and allergic diseases in children.	0
6	Emergencies in pediatrics and diseases of the nervous system.	0
7	Nursing section:	0
8	Principles of pediatric care organization in Poland.	0
9	Preparing a child for diagnostic tests of various systems and organs.	0
10	Hospitalization as a difficult situation for the child and their family.	0
11	The nurse's tasks towards a hospitalized child and their parents - types and forms of support.	0
12	The nurse's role in preventing injuries and accidents in children and adolescents.	0
13	The impact of illness on the functioning of the child and their family.	0
14	Caring for children with selected developmental diseases: urinary, digestive, respiratory, and skin systems.	0
15	The nurse's participation in preventive measures for the developmental age population.	0
16	The role of nurses in the treatment of children with leukemia.	0
17	Caring for children in the terminal stage of illness.	0
18	Solving health problems in the care of children with chronic gastrointestinal disorders (celiac disease, cystic fibrosis - abdominal form, parasitic disease of the gastrointestinal tract).	0
19	Principles of prevention and nutrition for children with selected metabolic diseases (phenylketonuria, galactosemia).	0

20	Clinical part:	0	0
21	Modern diagnostics and therapy in pediatrics.	0	0
ZP CSM		0	0
1	Care for children with diseases of the respiratory, circulatory, urinary, digestive, allergic, and blood systems.	0	0
2	Care issues in caring for a healthy infant.	0	0
ZP.		0	0
1	Child development in different stages of life.	0	0
2	Methods for assessing the somatic and psychomotor development of children.	0	0
3	Care issues in caring for a healthy infant.	0	0
4	The effects of unmet needs in early childhood.	0	0
5	Principles of rational nutrition for children and adolescents.	0	0
6	Caring for children with the most common developmental diseases.	0	0
7	Care for children with diseases of the respiratory, circulatory, urinary, digestive, allergic, and blood systems.	0	0
8	Comprehensive nursing care for Down syndrome.	0	0
9	The role of nurses in caring for children with leukemia.	0	0
10	Reactions of children and their parents to hospitalization.	0	0
11	The tasks and role of nurses during the admission of children to hospital.	0	0
12	The nurse's role in preparing the child for diagnostic tests of the digestive, urinary, respiratory, circulatory, and allergic systems.	0	0
PZ.		0	0
1	Observation and assessment of the child's basic vital functions in different age groups.	0	0
2	Anatomical and functional differences in the child's body.	0	0
3	Health problems of children with abnormal somatic and psychomotor development.	0	0
4	Communicating with patients in their developmental years and their families.	0	0
5	Specific needs of sick and hospitalized children and undertaking psychotherapeutic measures with children.	0	0
6	Care issues in selected medical conditions in children.	0	0
7	Educating children and their families on health promotion and prevention of developmental diseases.	0	0
8	Identifying the health and mental needs of children and adolescents. Applying the nursing process in child care.	0	0
9	Documenting actions taken towards a sick child.	0	0
Self-study		0	0
1	Educational activities for the child and their parents aimed at preventing asthma exacerbations.	0	0
2	Nursing principles for children with eating disorders: anorexia, bulimia.	0	0
3	Care tasks for children with attention deficit hyperactivity disorder (ADHD).	0	0
4	Nursing principles for children with obesity.	0	0
5	Educational activities for children with diabetes.	0	0
TEACHING METHODS			
Conversational lecture using audiovisual techniques. Practical classes: teamwork, case study, instruction, demonstration. Professional practice: teamwork, case study, demonstration, instruction.			
ASSESSMENT CRITERIA			

Lecture

Form and conditions for passing lectures - (ZO) passing with a grade in the third semester; (E) written exam in the fourth semester:

The conditions for admission to the exam are:

- 100% attendance; confirmed by an entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- passing a test checking knowledge or an oral answer,
- written work - development of a plan for the care or education of a child and his/her parents in a selected disease entity.

ZP CSM

Form and conditions for passing ZP CSM:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- class participation,
- completion of the task specified in the class scenario,
- performing professional tasks in accordance with the procedures in force in the department,
- compliance with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the course.

ZP.

Form and conditions for passing practical classes - (ZO) passing with a grade in the third semester; (ZO) passing with a grade in the fourth semester:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes.

Self-study

Form and conditions for passing self-study:

Pass based on the completion and presentation of a written paper in line with the self-study topic.

PZ.

Form and conditions for passing professional practice - (ZO) passing with a grade in the fourth semester:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the assumptions of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
		Knowledge	Lecture
W1	1.	oral response /oral assessment/	D.W.2
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.3
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	D.W.4
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.5
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W5	1.	oral response /oral assessment/	D.W.6
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.7
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.8
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.10
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.13
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W10	1.	oral response /oral assessment/	D.W.14

	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W11	1.	oral response /oral assessment/	D.W.18
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W12	1.	oral response /oral assessment/	D.W.28
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W13	1.	oral response /oral assessment/	D.W.31
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
W14	1.	oral response /oral assessment/	D.W.35
	2.	written work /paper, multimedia presentation, term paper, written test, research project/	
	3.	single or multiple choice test /written test/	
		Competencies	Lecture
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	ZP CSM
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	report using the nursing process method /nursing process/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U12	1.	nursing report/duty report/	D.U.22
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26

U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies ZP CSM			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills ZP.			
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	report using the nursing process method /nursing process/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.4
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U12	1.	nursing report/duty report/	D.U.22
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24

U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies ZP.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.10
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.13
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.14
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.18
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.28

W13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.31
W14	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.35
		Skills	Self-study
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.1
U2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.2
U3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.3
U4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.4
U5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.5
U6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.8
U7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.9
U8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.10
U9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.12
U10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.13
U11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.18
U12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.22
U13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.23
U14	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.24
U15	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.26
U16	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.27
		Competencies	Self-study
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
		Skills	PZ.

U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	report using the nursing process method /nursing process/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.4
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U12	1.	nursing report/duty report/	D.U.22
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies PZ.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

ASSESSMENT FORMS				
CRITERIA FOR ASSESSING ORAL RESPONSES			Oral response grading scale in relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written response grading scale in relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		
TEST EVALUATION CRITERIA				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
NURSING PROCESS ASSESSMENT CRITERIA			Assessment scale of the nursing process in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
TOTAL:		23 points		
mini-CEX EVALUATION CRITERIA			mini-CEX rating scale in relation to number of points obtained	

No.	CRITERIA		Number of points	
1.	Ability to gather information about the patient.		0-3	Highly satisfactory level 7-9
2.	Correctness of the physical examination performed.		0-3	Satisfactory 4-6
3.	Ability to provide feedback to the patient.		0-3	Unsatisfactory level 1-3
TOTAL:			9 points	
EVALUATION CRITERIA for practical test by observation				Assessment scale in relation to number of points obtained
No.	CRITERIA		Number of points	
1.	Ability to gather information about the patient.		0-3	Highly satisfactory level 9-12
2.	Correctness of the physical examination performed.		0-3	
3.	Correctness of the physical examination performed.		0-3	Satisfactory 6-8
4.	Ability to provide feedback to the patient.		0-3	Unsatisfactory level 1-5
TOTAL:			12 points	
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
ECTS POINTS BALANCE				
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]		
		Full-time studies		Part-time studies
Hours with direct participation of an academic teacher	Lecture	60	60	
	ZP CSM	16	16	
	ZP.	144	144	
	PZ.	160	160	
Independent work by the student	Self- study	60	60	
Total student workload		440	440	
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
	10,2	3,8	10,2	3,8
LITERATURE				
Basic				
1	Zarzycka D., Emeryk A. (eds.): Pediatrics and pediatric nursing. PZWL, Warsaw 2020.			
2	Kaczmarek M., Piskorz-Ogórek K. (eds.): Pediatrics and Pediatric Nursing. Help Med, Krakow 2014. Access - Academica.			
3	Muscari M. E., (English edition edited by Bernat K.): Pediatrics and Pediatric Nursing. Lublin, Czelej Publishing House 2016.			
Supplementary				
1	Cepuch G, Krzczowska B., Perek M. Twarduś K.: Models of nursing chronically ill children. Textbook for medical studies. PZWL Publishing House, Warsaw, 2011. Available at IBUK/Academica.			

2	Kawalec W., Grenda R., Kulus M. Pediatrics Vol. I, II. Scientific editor: PZWL Medical Publishing House, Warsaw 2021.
3	Pawlaczyk B.: Pediatric Nursing. 1st edition, PZWL, Warsaw 2015

Summer semester

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT

Name of the subject (module)	Surgery and surgical nursing		Course code	P11.D.30.CHPCH
Name of the unit teaching the subject	Institute of Health Sciences			
Level of education	First-cycle studies	Profile	Practical	
Field of study	Nursing	Specialization		
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English	
Semester	III, IV, V	Form of assessment	Pass with grade	

HOURLY DIMENSION OF DIDACTIC CLASSES

FULL-TIME STUDIES

Lecture	Project	Laboratory
15	30	30

TOTAL HOURLY DIMENSION OF CLASSES

Student's independent work	90
Total	150
ECTS	6

PREREQUISITES

Basic knowledge of anatomy, physiology, and nursing fundamentals

COURSE OBJECTIVE

The aim of the course/module is:

- to familiarize students with the pathogenesis, principles of diagnosis and treatment, and professional care in surgical diseases

LEARNING OUTCOMES

CODE	DESCRIPTION	LEARNING OUTCOME
Knowledge		
W1	- the student knows and understands: risk factors and health threats in patients of different ages;	D.W.1
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;	D.W.2
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;	D.W.3
W4	- the student knows and understands: types of diagnostic tests and the principles of ordering them;	D.W.4
W5	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures	D.W.5

W6	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;	D.W.6
W7	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;	D.W.7
W8	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8
W9	- the student knows and understands: the principles of patient nutrition, including dietary treatment, pre- and post-operative indications according to the comprehensive perioperative care protocol for improving treatment outcomes (<u>Enhanced Recovery After Surgery, ERAS</u>);	D.W.22
W10	- the student knows and understands: factors increasing perioperative risk;	D.W.23
W11	- the student knows and understands: the principles of preparing a patient for emergency and elective surgery, in one-day surgery, and the principles of post-operative patient care to prevent early and late complications;	D.W.24
W12	- the student knows and understands: the principles of caring for patients with intestinal and urinary fistulas;	D.W.25
W13	- the student knows and understands: the principles of patient observation after surgery, including basic and extended monitoring;	D.W.29
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U5	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U6	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U7	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U8	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U9	- the student is able to: prepare the patient physically and mentally for diagnostic tests;	D.U.12
U10	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U11	- the student is able to: provide enteral nutrition (via a feeding tube and feeding fistula) and parenteral nutrition to adults and children	D.U.17
U12	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U13	- the student is able to: care for patients with intestinal fistulas and intubation and tracheotomy tubes;	D.U.19
U14	- the student is able to: conduct a therapeutic conversation;	D.U.20
U15	- the student is able to: conduct bedside rehabilitation and activation using elements of occupational therapy;	D.U.21
U16	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U17	- the student is able to: assist the doctor during diagnostic tests;	D.U.23

U18	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24	
U19	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25	
U20	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26	
U21	- the student is able to: provide first aid in life-threatening situations;	D.U.27	
U22	- the student is able to: temporarily immobilize bone fractures, dislocations, and sprains, and prepare the patient for transport;	D.U.28	
U23	- the student is able to: stop bleeding and hemorrhages on an ad hoc basis;	D.U.29	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	Clinical part:	0	0
2	Diagnostic methods in surgery.	0	0
3	Principles of treatment with blood and blood products.	0	0
4	Infections in patients undergoing surgical treatment.	0	0
5	Thyroid diseases treated surgically - types, causes, symptoms, surgical treatment techniques.	0	0
6	Wounds - types, classification, assessment, treatment. Traumatic amputations.	0	0
7	Thermal injuries - burns and frostbite - principles of patient management.	0	0
8	Injuries to the musculoskeletal system: contusions, sprains, dislocations, fractures - causes, diagnostic and therapeutic methods.	0	0
9	Cranial and cerebral injuries and other injuries to the nervous system.	0	0
10	Spinal and spinal cord injuries.	0	0
11	Management of patients with chest, trachea, and diaphragm injuries.	0	0
12	Injuries to the abdominal and pelvic organs - diagnostic and therapeutic principles.	0	0
13	Diseases of the digestive system requiring surgical intervention - diagnosis, symptoms, treatment.	0	0
14	Diseases of the genitourinary organs treated surgically - diagnosis, treatment.	0	0
15	Nursing section:	0	0
16	Definition, history, and characteristics of modern surgery.	0	0

17	Organization of surgical care in Poland.	0	0
18	Nutrition in surgery.	0	0
19	Water and electrolyte balance in the body as the basis for safe surgical procedures.	0	0
20	The role of nurses in the diagnosis of acid-base balance disorders in surgery. Admission of patients to the surgical ward and preparation for emergency and elective surgery.	0	0
21	The specifics of one-day surgery.	0	0
22	Organ and tissue transplantation.	0	0
23	Cancer and its treatment.	0	0
24	Principles of postoperative patient care. Prevention of postoperative complications.	0	0
25	Pain as a surgical problem - the nurse's role in recognizing and alleviating pain.	0	0
26	Appendicitis, principles of patient care in the pre- and postoperative period.	0	0
27	Nursing problems in patients treated for colorectal cancer.	0	0
28	Simple and complicated hernias. The nurse's tasks in patient care.	0	0
29	Nursing problems in patients with gallstones treated surgically.	0	0
30	Caring for patients with acute pancreatitis.	0	0
31	Care for patients with acute peritonitis.	0	0
32	Caring for patients with urolithiasis.	0	0
33	Caring for patients with prostatic hypertrophy.	0	0
34	Care for patients with hyperthyroidism in terms of surgical treatment.	0	0
35	Caring for and educating patients with peripheral vascular disease.	0	0
36	Care for patients with varicose veins of the lower extremities.	0	0
37	Pre- and post-operative procedures in the case of heart surgery.	0	0
38	Specifics of surgical procedures for elderly patients.	0	0
ZP CSM		0	0
1	Prevention of wound infection in surgery.	0	0
2	Taking steps to prepare surgical patients for self-care and self-nursing.	0	0
ZP.		0	0
1	Organizational activities. Nursing diagnosis in surgery.	0	0
2	The role of nurses in the therapeutic team. Organization of nursing work in the surgical ward.	0	0
3	Preparing the patient for emergency and elective surgery.	0	0
4	Participation of nurses in diagnostic tests for patients with gastrointestinal disorders.	0	0
5	The nurse's tasks in preparing for surgery and postoperative care in the case of gastric resection.	0	0
6	Caring for patients with acute pancreatitis.	0	0
7	Principles of care for patients with appendicitis in the pre- and postoperative period.	0	0
8	Nursing problems in patients with peritonitis.	0	0
9	Principles of care for patients with complicated and uncomplicated abdominal hernias.	0	0
10	Nursing diagnosis and care planning for intestinal obstruction.	0	0
11	Preparation for surgery and postoperative care of patients with hemorrhoids - educational tasks of nurses.	0	0

12	Principles of preparing patients for diagnostic tests in diseases of the genitourinary system and post-test management.	0	0
13	Education of patients with urolithiasis. Preparation for surgery and postoperative care of patients treated with total hip arthroplasty.	0	0
14	The nurse's tasks in diagnostic examinations of the chest organs.	0	0
15	Principles of nursing care for patients with pneumothorax.	0	0
16	Nursing problems in patients with chest drainage.	0	0
17	The process of caring for patients with hyperthyroid nodular goiter in the pre- and postoperative period.	0	0
18	The tasks of a nurse in preparing a patient for diagnostic tests for arterial and venous diseases and the principles of care after the tests.	0	0
19	Education of patients with varicose veins of the lower extremities.	0	0
20	Nursing problems in patients with varicose veins of the lower extremities in the pre- and postoperative period.	0	0
21	The tasks of a nurse towards a patient prepared for vascular amputation of the lower limbs.	0	0
PZ.		0	0
1	Admission of patients to the surgical ward.	0	0
2	Preparing the patient for urgent and planned surgery.	0	0
3	Preparing patients for diagnostic tests in various surgical conditions and post-test care.	0	0
4	Preparing the patient for surgery on the digestive tract: esophagus, stomach and duodenum, intestines, liver, endocrine glands, and musculoskeletal system.	0	0
5	Prevention of wound infection in surgery.	0	0
6	Care for patients in trauma surgery - contusions, sprains, dislocations, fractures.	0	0
7	Patients with chest drainage.	0	0
8	Prevention of postoperative complications.	0	0
9	Care for burn patients.	0	0
10	Nutrition for patients in surgery.	0	0
11	Documenting patient care in surgery.	0	0
12	Preparing patients for planned surgical procedures.	0	0
13	Planning and implementing postoperative care for surgical patients.	0	0
14	Taking steps to prepare surgical patients for self-care and self-nursing.	0	0
15	Nursing problems in caring for patients with multiple organ injuries.	0	0
16	Caring for patients with peripheral vascular disease.	0	0
17	Preventive measures taken by nurses towards patients undergoing surgical treatment.	0	0
Self-study		0	0
1	Preparation of a study (in written and electronic form) on a specific surgical condition, its etiology, pathogenesis, and surgical or conservative treatment, and the specifics of nursing care. Issues based on current scientific reports published in nursing and medical journals. Students can choose a topic provided by the teacher or propose their own, in line with their interests.	0	0

TEACHING METHODS

Lectures using audiovisual techniques.

Practical classes: demonstration, instruction, individual work, team work, case study, work trial

Professional practice: instruction, individual work, teamwork, case studies, work trials CSM: didactic discussion, group exercises, work trials, case studies, instruction

Self-study: interpretation of source texts

ASSESSMENT CRITERIA

Lecture

Form and conditions for passing lectures - (ZO) passing with a grade in the third semester; (E) written exam in the fourth semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- admission to the exam is conditional on passing a written assignment prepared using the case study method, covering issues related to pre- and post-operative care of patients treated in the surgery ward,
- The written exam for the course includes questions testing the intended learning outcomes - it takes the form of a test or answers to questions.

ZP CSM

Form and conditions for passing ZP CSM:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- class participation,
- completion of the task specified in the class scenario,
- performing professional tasks in accordance with the procedures in force in the department,
- compliance with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the course.

ZP.

Form and conditions for passing practical classes - (ZO) passing with a grade in the third semester; (ZO) passing with a grade in the fourth semester:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes.

Self-study

Form and conditions for passing self-study:

Pass based on the completion and presentation of a written paper in line with the self-study topic.

PZ.

Form and conditions for passing the professional internship - ZO passing with a grade in the fourth semester; ZO passing with a grade in the fifth semester.

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the assumptions of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
	Knowledge	Lecture	
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
	2.	single or multiple choice test /written test/	
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
	2.	single or multiple choice test /written test/	
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
	2.	single or multiple choice test /written test/	
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
	2.	single or multiple choice test /written test/	
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
	2.	single or multiple choice test /written test/	
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
	2.	single or multiple choice test /written test/	
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7
	2.	single or multiple choice test /written test/	
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
	2.	single or multiple choice test /written test/	
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.22
	2.	single or multiple choice test /written test/	
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.23
	2.	single or multiple choice test /written test/	
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.24
	2.	single or multiple choice test /written test/	
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.25
	2.	single or multiple choice test /written test/	

W13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.29
	2.	single or multiple choice test /written test/	
		Competencies	Lecture
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
		Skills	ZP CSM
U1	1.	report using the nursing process method /nursing process/	D.U.1
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U22	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.28
U23	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29
		Competencies	ZP CSM

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
		Skills ZP.	
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21

U16	1.	nursing report/duty report/	D.U.22
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U21	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U22	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.28
U23	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29
Competencies ZP.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6

W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.22
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.24
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.25
W13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.29
		Skills	Self-study
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.1
U2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.2
		Skills	PZ.
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U16	1.	nursing report/duty report/	D.U.22
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23

U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U21	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U22	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.28
U23	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29

Competencies | PZ.

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16

3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

NURSING PROCESS ASSESSMENT CRITERIA

NURSING PROCESS ASSESSMENT CRITERIA			Assessment scale of the nursing process in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
TOTAL:		23 points		

mini-CEX EVALUATION CRITERIA

mini-CEX EVALUATION CRITERIA			mini-CEX rating scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3
TOTAL:		9 points		

EVALUATION CRITERIA for practical test by observation

EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12
2.	Correctness of the physical examination performed.	0-3		
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5
TOTAL:		12 points		

**PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST
(PASS ONLY IF NO CRITICAL ERRORS ARE MADE)**

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

ECTS POINTS BALANCE

Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies		Part-time studies	
Hours with direct participation of an academic teacher	Lecture	60		60	
	ZP CSM	12		12	
	ZP.	108		108	
	PZ.	160		160	
Independent work by the student	Self-study	45		45	
Total student workload		385		385	
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
		10	2	10	2

LITERATURE

Basic

1	Bączyk G, Kapała W. eds., Clinical basics and nursing care of patients in the pre- and postoperative period in surgery, orthopedics, and traumatology. Poznań: Karol Marcinkowski Medical University Press, 2018.
2	Walewska E. (ed.): Fundamentals of surgical nursing. 1st edition, reprint, PZWL, Warsaw 2014.
3	Walewska E., Ścisło L. (eds.): Nursing Procedures in Surgery. First edition, PZWL, Warsaw 2016.

Supplementary

1	Głuszek S. (ed.), Surgery: Fundamentals. PZWL Medical Publishing House, Warsaw 2019.
2	Noszczyk W. (ed.), Surgery Volume I Fundamentals of Surgery, Volume II Heart and Peripheral Vessel Surgery, Esophageal and Abdominal Surgery, Selected Problems in Surgery. Published by PZWL, Warsaw 2018.
3	Szewczyk M.T., Jawień A., Treatment of chronic wounds. Scientific editor. PZWL Medical Publishing House, Warsaw 2019.

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Obstetrics, gynecology, and obstetric-gynecological nursing		Course code PII.D.31.PGPPG
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	III, IV	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
Basic knowledge of anatomy and physiology			
COURSE OBJECTIVE			
The aim of the course/module is:			
<ul style="list-style-type: none"> to acquire basic knowledge of medical and nursing care for pregnant women, women in labor, women who have given birth, newborns, and women with gynecological conditions 			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;		D.W.1
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;		D.W.2
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;		D.W.3
W4	- the student knows and understands: types of diagnostic tests and the principles of ordering them;		D.W.4
W5	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures		D.W.5
W6	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;		D.W.6

W7	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);	D.W.10
W8	- the student knows and understands: the pathophysiology, clinical symptoms of diseases and life-threatening conditions in newborns, including premature babies, and the basics of nursing care in this area;	D.W.14
W9	- the student knows and understands: the purpose and principles of preconception care and the principles of planning care for women in physiological pregnancy;	D.W.15
W10	- the student knows and understands: the stages of physiological childbirth and the principles of care for women in the postpartum period;	D.W.16
W11	- the student knows and understands: the etiopathogenesis of gynecological disorders;	D.W.17
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: assess the psychophysical development of a child, perform screening tests and detect developmental disorders;	D.U.5
U5	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U6	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U7	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U8	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U9	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U10	- the student is able to: prepare the patient physically and mentally for diagnostic tests;	D.U.12
U11	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U12	- the student is able to: document the patient's health status, the dynamics of its changes, and the nursing care provided, taking into account IT tools for data collection;	D.U.15
U13	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U14	- the student is able to: conduct bedside rehabilitation and activation using elements of occupational therapy;	D.U.21
U15	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U16	- the student is able to: assist the doctor during diagnostic tests;	D.U.23
U17	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24
U18	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26
U19	- the student is able to: provide first aid in life-threatening situations;	D.U.27
U20	- the student is able to: stop bleeding and hemorrhages on an ad hoc basis;	D.U.29
Competencies		

K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	Clinical part:	0	0
2	The principles of organizing obstetric and gynecological care in Poland.	0	0
3	Family planning, methods of conception control, contraception.	0	0
4	Physiology of the menstrual cycle - principles of observation.	0	0
5	Diagnostic tests in obstetrics and gynecology.	0	0
6	Selected issues in pregnancy pathology.	0	0
7	Gynecological problems in women of different ages.	0	0
8	Cancer of the reproductive organs and mammary glands in women.	0	0
9	Infertility as a medical and social problem.	0	0
10	Nursing section:	0	0
11	Medical care for women at different stages of life.	0	0
12	Stages of prenatal human development. Teratogenic factors.	0	0
13	Nursing care for women with gynecological diseases. The most common diseases in gynecology.	0	0
14	The role of nurses in gynecological diagnostics.	0	0
15	Physiological pregnancy and nursing care for patients with the most common pathological conditions during pregnancy.	0	0
16	Physiological childbirth - stages, mechanism. Surgical childbirth.	0	0
17	Care for women in physiological and complicated postpartum.	0	0
18	Nursing care for newborns and premature babies.	0	0
ZP.		0	0
1	The role of midwives/nurses in the obstetrics and gynecology emergency room.	0	0
2	Documenting nursing activities in the obstetrics and gynecology ward.	0	0
3	Obstetric and gynecological interview.	0	0
4	Nursing care in cases of infections and inflammation in gynecology.	0	0
5	Uterine curettage procedure – types, patient preparation, post-operative care.	0	0
6	Preparation for gynecological surgery via the vaginal/abdominal route and post-operative care.	0	0
7	Management of patients with the most common pathological conditions during pregnancy.	0	0

8	Principles of managing pregnant women with miscarriage and threatened premature labor.	0	0
9	Nursing care in the event of an unsuccessful pregnancy.	0	0
10	Preparing pregnant women for childbirth in accordance with current WHO recommendations.	0	0
11	Observation of the woman in labor during the different stages of labor.	0	0
12	Care of women in the postpartum period. Education of women in the postpartum period on lifestyle.	0	0
13	Care and nursing of full-term and mature newborns.	0	0
14	Lactation and breastfeeding.	0	0
15	Pharmacotherapy during pregnancy, childbirth, the postpartum period, and selected gynecological conditions.	0	0
PZ.		0	0
1	Risk factors and health hazards in obstetrics and gynecology. Pregnancy risk assessment.	0	0
2	Goals and principles of preconception care - the role of the nurse-midwife.	0	0
3	Obstetric and gynecological interview.	0	0
4	Diagnosing the condition and planning care for patients in the obstetrics and gynecology ward.	0	0
5	Nursing interventions in selected obstetric and gynecological problems.	0	0
6	Preparation, care during and after diagnostic tests and procedures in obstetrics and gynecology.	0	0
7	Education of women in labor on lactation, breastfeeding, and newborn care.	0	0
8	Preparation for vaginal and abdominal gynecological surgery and post-operative care.	0	0
9	Prevention of gynecological diseases.	0	0
10	Care and education of patients after mastectomy.	0	0
11	Preparation for self-care and education in selected obstetric and gynecological conditions.	0	0
12	Social support for patients in gynecological oncology.	0	0
13	Elements of psychoprophylaxis during pregnancy, childbirth, and the postpartum period.	0	0
14	Methods of alleviating labor pain.	0	0
15	The role and tasks of birthing schools.	0	0
Self-study		0	0
1	Preparation for childbirth and parenthood.	0	0
2	The role of nurses in the prevention of reproductive organ and breast cancer.	0	0
3	The role and tasks of the nurse-midwife during pain therapy.	0	0
4	Professional and non-professional support for women after mastectomy.	0	0
5	Educating pregnant women about lifestyle during pregnancy.	0	0
6	Health promotion in obstetric and gynecological nursing.	0	0
TEACHING METHODS			
Lectures: informative lecture with the use of audiovisual techniques, case study, lecture, explanation. Practical classes: case method, demonstration in natural ward conditions, "work trial," explanation, lecture. Professional practice: case method, demonstration in natural ward conditions, explanation, lecture.			
ASSESSMENT CRITERIA			
Lecture			

Lectures in the third semester with assessment (ZO):

- the form, rules, and criteria for assessment are discussed during the first class,
- 100% attendance; confirmed by entry in the attendance list,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- in order to pass the lectures, students must obtain positive grades for written assignments on topics covered in each semester.

Lectures in the fourth semester - (E) exam:

- 100% attendance; confirmed by entry in the attendance list,
- possible 10% absence compensated for in a manner individually agreed with the lecturer,
- the basis for admission to the exam is a positive grade on written assignments,
- the written exam is conducted in the form of a single-choice test consisting of 60 questions or an oral exam.

ZP.

Form and conditions for passing practical classes - passing with a grade (ZO) in the third semester; passing with a grade (ZO) in the fourth semester.

- 100% attendance in classes (attendance confirmed by an attendance list),
- grade for class preparation - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes.

Self-study

Form and conditions for passing self-study:

completion based on the completion and presentation of a written paper in line with the topic of self-study.

PZ.

Form and conditions for passing the professional internship - passing with a grade (ZO) in the fourth semester:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
	Knowledge	Lecture	
W1	1.	oral response /oral assessment/	D.W.1
	2.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.2
	2.	single or multiple choice test /written test/	

W3	1.	oral response /oral assessment/	D.W.3
	2.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.4
	2.	single or multiple choice test /written test/	
W5	1.	oral response /oral assessment/	D.W.5
	2.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.6
	2.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.10
	2.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.14
	2.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.15
	2.	single or multiple choice test /written test/	
W10	1.	oral response /oral assessment/	D.W.16
W11	1.	oral response /oral assessment/	D.W.17
	2.	single or multiple choice test /written test/	
		Competencies	Lecture
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	ZP.
U1	1.	nursing report/duty report/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10

U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U15	1.	nursing report/duty report/	D.U.22
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29
		Competencies	ZP.
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
		Knowledge	Self-study
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3

W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.10
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.14
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.15
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.16
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.17
Skills Self-study			
U1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.1
U2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.2
U3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.3
U4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.5
U5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.6
U6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.7
U7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.8
U8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.9
U9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.10
U10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.12
U11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.13
U12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.15
U13	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.18
U14	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.21
U15	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.22
U16	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.23
U17	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.24

U18	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.26
U19	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.27
U20	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.U.29
		Competencies	Self-study
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	PZ.
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.5
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U15	1.	nursing report/duty report/	D.U.22

U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29

Competencies PZ.

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points		
			very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10

6.	Aesthetics of the work.		0-2	
		TOTAL:	20 points	
TEST EVALUATION CRITERIA				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
NURSING PROCESS ASSESSMENT CRITERIA				Assessment scale of the nursing process in relation to number of points obtained
No.	CRITERIA	Number of points		
1.	The nursing process corresponds to a case study.	0-2	very good	14
2.	Ability to correctly formulate a nursing diagnosis.	0-2		
3.	Appropriate hierarchy of presented diagnoses.	0-2	good plus	12-13
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-2	good	11
5.	Knowledge, understanding of the subject.	0-2	sufficient plus	10
6.	Use of correct terminology.	0-2	Satisfactory	8-9
7.	Aesthetics of the work.	0-2	unsatisfactory	<7
		TOTAL:	14 points	
NURSING PROCESS ASSESSMENT CRITERIA				Assessment scale of the nursing process in relation to number of points obtained
No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
		TOTAL:	23 points	
mini-CEX EVALUATION CRITERIA				mini-CEX rating scale in relation to number of points obtained
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6

3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3	
TOTAL:		9 points			
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained		
No.	CRITERIA	Number of points			
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12	
2.	Correctness of the physical examination performed.	0-3			
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8	
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5	
TOTAL:		12 points			
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)					
1.	very good	5	very good	91% and above correct answers	
2.	good plus	4,5	good plus	81-90% correct answers	
3.	good	4	good	71-80% correct answers	
4.	sufficient plus	3,5	dst plus	66-70% correct answers	
5.	Satisfactory	3	dst	60-65% correct answers	
6.	unsatisfactory	2	ndst	below 60% correct answers	
ECTS POINTS BALANCE					
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies	Part-time studies		
Hours with direct participation of an academic teacher	Lecture	40	40		
	ZP.	80	80		
	PZ.	40	40		
Independent work by the student	Self-study	35	35		
Total student workload		195	195		
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
		4,9	2,1	4,9	2,1
LITERATURE					
Basic					
1	Iwanowicz-Palus G., ed. Alternative methods of perinatal care. PZWL, Warsaw, 2017.				
2	Łepecka-Klusek C.: Nursing in contemporary obstetrics and gynecology. PZWL, Warsaw, 2018.				
3	Bręborowicz G., ed. Obstetrics and Gynecology. Volumes I and II. PZWL Medical Publishing House, Warsaw, 2021.				
Supplementary					
1	Ćwiek D., Augustyniuk K., Branecka-Woźniak D.: Childbirth School. PZWL, Warsaw, 2017.				
2	Świetliński J. Neonatology and Newborn Care. Volumes I and II. PZWL Medical Publishing House, Warsaw, Volume I-2016, Volume II- 2017.				
3	Rabiej M., ed. Medical Procedures in Obstetrics and Gynecology, Volumes I and II. PZWL Medical Publishing House, Warsaw, 2020.				

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Anesthesiology and nursing in life-threatening situations	Course code	P11.D.33.APZZ
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	V	Form of assessment	Exam
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project	Laboratory	
15	30	30	
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work	90		
Total	150		
ECTS	6		
PREREQUISITES			
Fundamentals of nursing, anatomy, physiology, pathology			
COURSE OBJECTIVE			
The aim of the course is: to prepare students to provide patient care in selected life-threatening situations and to perform anesthesiological procedures			
LEARNING OUTCOMES			
CODE	DESCRIPTION	LEARNING OUTCOME	
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;	D.W.1	
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;	D.W.2	
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;	D.W.3	
W4	- the student knows and understands: types of diagnostic tests and the principles of ordering them;	D.W.4	
W5	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures	D.W.5	
W6	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;	D.W.6	
W7	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;	D.W.7	

W8	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8
W9	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);	D.W.10
W10	- the student knows and understands: pathophysiology, clinical symptoms, course, treatment, and prognosis of developmental diseases: respiratory system, circulatory system, nervous system, urinary tract, digestive system, as well as endocrine, metabolic, allergic, and blood diseases;	D.W.13
W11	- the student knows and understands: the pathophysiology, clinical symptoms of diseases and life-threatening conditions in newborns, including premature babies, and the basics of nursing care in this area;	D.W.14
W12	- students know and understand: the rules governing the use of direct coercion;	D.W.20
W13	- students know and understand: methods of anesthesia and the principles of patient care after anesthesia	D.W.30
W14	- the student knows and understands: the pathophysiology and clinical symptoms of life-threatening diseases (respiratory failure, circulatory failure, nervous system failure, shock, sepsis);	D.W.31
W15	- the student knows and understands: methods and scales for assessing pain, sedation levels, sleep disorders, and delirium in patients in life-threatening conditions;	D.W.32
W16	- the student knows and understands: methods and techniques of communicating with patients who are unable to establish and maintain effective communication due to their health condition or treatment;	D.W.33
W17	- the student knows and understands: principles of prevention of complications associated with the use of invasive diagnostic and therapeutic techniques in critically ill patients;	D.W.34
W18	- the student knows and understands: the principles of first aid and resuscitation algorithms in the field of basic life support (BLS) and advanced life support (ALS);	D.W.35
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U3	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U4	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U5	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U6	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U7	- the student is able to: modify the fixed dose of fast- and short-acting insulin;	D.U.11
U8	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U9	- the student is able to: document the patient's health status, the dynamics of its changes, and the nursing care provided, taking into account IT tools for data collection;	D.U.15
U10	- the student is able to: provide enteral nutrition (via a feeding tube and feeding fistula) and parenteral nutrition to adults and children	D.U.17
U11	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18

U12	- the student is able to: care for patients with intestinal fistulas and intubation and tracheotomy tubes;	D.U.19	
U13	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22	
U14	- the student is able to: assist the doctor during diagnostic tests;	D.U.23	
U15	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24	
U16	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25	
U17	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26	
U18	- the student is able to: provide first aid in life-threatening situations;	D.U.27	
U19	- the student is able to: perform basic resuscitation procedures in adults and children, use an automated external defibrillator (AED), and perform airway clearance without instruments and with instruments using available supraglottic devices;	D.U.30	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	Clinical part:	0	0
2	Anesthesia. Preparing the patient for anesthesia.	0	0
3	Intensive monitoring without and with instruments - recognition of life-threatening conditions.	0	0
4	Methods and devices used for airway management and artificial ventilation.	0	0
5	Cardiopulmonary resuscitation.	0	0
6	Principles of cardiopulmonary resuscitation in children and adults.	0	0
7	Pharmacotherapy in cardiopulmonary resuscitation.	0	0
8	Electrotherapy in life-threatening cardiac arrhythmias.	0	0
9	Nursing section:	0	0
10	Elements of anesthesiological management - the nurse's tasks.	0	0
11	The role of nurses in preparing and caring for patients after general and regional anesthesia.	0	0
12	Nursing care for patients with cardiopulmonary failure in the intensive care unit.	0	0

13	Care for unconscious patients.	0	0
14	Caring for patients with venous and arterial vascular access.	0	0
15	Monitoring the circulatory system - the nurse's tasks.	0	0
16	Sudden cardiac arrest - causes and prevention.	0	0
17	Acute respiratory conditions, ARDS - clinical basics, nursing tasks.	0	0
18	Pulmonary embolism - clinical basics, nursing tasks.	0	0
19	Shock - clinical basics, nursing tasks.	0	0
20	Acute renal failure - clinical basics, nursing tasks.	0	0
21	Acute pancreatitis - clinical basics, nursing tasks.	0	0
22	Hepatic coma – clinical basics, nursing tasks.	0	0
23	Intensive care and nursing care in diabetes.	0	0
24	Sepsis – clinical basics, nursing tasks.	0	0
25	Multiple organ dysfunction syndrome (MODS) – clinical basics, nursing tasks.	0	0
26	Poisoning – causes and treatment.	0	0
27	Parenteral nutrition for critically ill patients.	0	0
28	Brain stem death – diagnosis. Elements of transplantology, ethical and moral issues.	0	0
Practical classes		0	0
1	Bronchial tree toilet.	0	0
2	Emergency oxygen administration in patients in life-threatening conditions.	0	0
3	Assisting with endotracheal intubation.	0	0
4	Airway clearance.	0	0
5	Ventilation using a self-inflating bag and face mask.	0	0
6	Performing cardiopulmonary resuscitation—treatment algorithm.	0	0
7	Providing comprehensive patient care.	0	0
8	Caring for patients with intestinal fistula, endotracheal tube, and tracheostomy tube.	0	0
ZP CSM		0	0
1	The role of nurses in caring for patients in the acute phase of a heart attack and the role of nurses in the diagnosis and treatment of cardiac arrhythmias.	0	0
ZP.		0	0
1	Diagnostic activities of nurses in the intensive care unit.	0	0
2	The nurse's participation in regional and general anesthesia of the patient.	0	0
3	The role of nurses in caring for patients in the acute phase of a heart attack and the role of nurses in the diagnosis and treatment of cardiac arrhythmias.	0	0
PZ.		0	0
1	Monitoring of basic vital functions using non-instrumental and instrumental methods and assessment of the patient's condition.	0	0
2	Care issues for patients in life-threatening conditions.	0	0
3	Documenting the condition of patients treated in the ICU.	0	0
4	Diagnostic, therapeutic, and nursing activities undertaken by nurses in intensive care.	0	0
5	Undertaking nursing activities in the field of resuscitation and cardiopulmonary resuscitation.	0	0
Self-study		0	0
1	Methods of monitoring patients in life-threatening conditions.	0	0
2	Care for patients after resuscitation.	0	0

3	Psychological problems of patients hospitalized in the intensive care unit.	0	0
4	Prevention of nosocomial infections in intensive care units.	0	0
TEACHING METHODS			
Informative lecture Educational discussion Case study Instruction, medical simulation			
ASSESSMENT CRITERIA			
Lecture			
Form and conditions for passing lectures - Exam (E) in the fifth semester: <ul style="list-style-type: none"> • 100% attendance; confirmed by entry in the attendance register, • possible 10% absence compensated for in a manner agreed individually with the lecturer, • positive exam grade, • exam conducted in written form using a test verifying students' knowledge or in the form of oral answers. 			
Practical classes			
Form of assessment for classes in MCSM (fifth semester) - pass with a grade (ZO): 100% attendance at classes, positive completion of tasks covered by the scenario(s) implemented.			
ZP CSM			
Form and conditions for passing ZP CSM: <ul style="list-style-type: none"> • 100% attendance at classes (attendance confirmed by an attendance list), • assessment of preparation for classes - oral response, test, • class participation, • completion of the task specified in the class scenario, • performing professional tasks in accordance with the procedures in force in the department, • compliance with the rules and regulations of practical classes, • passing individual skills in the list of skills to be passed in the nursing profession - practical test, • assessment of the student's attitude towards patients and their relatives as well as ward staff, • student self-assessment of the course. 			
ZP.			
Form and conditions for passing practical classes - passing with a grade (ZO) in the fifth semester: <ul style="list-style-type: none"> • 100% attendance at classes (attendance confirmed by an attendance list), • assessment of preparation for classes - oral response, test, • activity during classes, • providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken), • keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report, • performing professional tasks in accordance with the procedures in force in the ward, • complying with the rules and regulations of practical classes, • passing individual skills in the list of skills to be passed in the nursing profession - practical test, • assessment of the student's attitude towards patients and their relatives as well as ward staff, • student self-assessment of the implementation of classes. 			
Self-study			
Form and conditions for passing self-study: completion based on the completion and presentation of a written paper in line with the topic of self-study.			

PZ.

Form and conditions for passing professional practice:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
	Knowledge	Lecture	
W1	1.	oral response /oral assessment/	D.W.1
	2.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.2
	2.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	D.W.3
	2.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.4
	2.	single or multiple choice test /written test/	
W5	1.	oral response /oral assessment/	D.W.5
	2.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.6
	2.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.7
	2.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.8
	2.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.10
	2.	single or multiple choice test /written test/	
W10	1.	oral response /oral assessment/	D.W.13
	2.	single or multiple choice test /written test/	
W11	1.	oral response /oral assessment/	D.W.14
	2.	single or multiple choice test /written test/	
W12	1.	oral response /oral assessment/	D.W.20
	2.	single or multiple choice test /written test/	
W13	1.	oral response /oral assessment/	D.W.30
	2.	single or multiple choice test /written test/	
W14	1.	oral response /oral assessment/	D.W.31
	2.	single or multiple choice test /written test/	
W15	1.	oral response /oral assessment/	D.W.32
	2.	single or multiple choice test /written test/	
W16	1.	oral response /oral assessment/	D.W.33
	2.	single or multiple choice test /written test/	
W17	1.	oral response /oral assessment/	D.W.34
	2.	single or multiple choice test /written test/	
W18	1.	oral response /oral assessment/	D.W.35
	2.	single or multiple choice test /written test/	

		Competencies	Lecture	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.7
		Skills	Practical classes	
U1	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.1
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.9
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.10
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.19
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.30
		Competencies	Practical classes	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.1
	2.	student self-assessment		
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.2
	2.	student self-assessment		
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.3
	2.	student self-assessment		
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.4
	2.	student self-assessment		
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.5
	2.	student self-assessment		
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.6
	2.	student self-assessment		
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/		K.7
	2.	student self-assessment		
		Skills	ZP CSM	
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/		D.U.9

U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.30
Competencies		ZP CSM	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills		ZP.	
U1	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U5	1.	report using the nursing process method /nursing process/	D.U.9
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11

U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.30

Competencies | ZP.

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

NURSING PROCESS ASSESSMENT CRITERIA			Assessment scale of the nursing process in relation to number of points obtained
No.	CRITERIA	Number of points	

1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
TOTAL:		23 points		
CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		
TEST EVALUATION CRITERIA				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
mini-CEX EVALUATION CRITERIA			mini-CEXrating scalein relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6

3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3
TOTAL:		9 points		
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12
2.	Correctness of the physical examination performed.	0-3		
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5
TOTAL:		12 points		
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
ECTS POINTS BALANCE				
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]		
		Full-time studies	Part-time studies	
Hours with direct participation of an academic teacher	Lecture	30	30	
	Practical classes	15	15	
	ZP CSM	8	8	
	ZP.	72	72	
	PZ.	80	80	
Independent work by the student	Self-study	30	30	
Total student workload		235	235	
ECTS credits per module/subject		with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher
		6	3	independent student work 3
LITERATURE				
Basic				
1	Krajewska-Kułał E., Rolka J., Jankowiak B.: Standards and procedures for nursing patients in life-threatening conditions. PZWL, Warsaw 2017.			
2	Krajewska-Kułał E., Rolka J., Jankowiak B.: Standards of anesthesiological nursing care. PZWL, Warsaw 2017.			
3	Wołowicka L., Dyk D. (eds): Anesthesiology and intensive care. Clinic and nursing. PZWL Publishing House, Warsaw 2014.			
Supplementary				
1	Larsen R.: Larsen's Anesthesiology, Volumes 1-2. Edra Urban & Partner Publishing House, Wrocław 2020			
2	Marino P. L.: Intensive Care. Published by Urban & Partner, Wrocław 2020.			
3	Owczuk R. (ed.) Anesthesiology and Intensive Care. PZWL Medical Publishing House, Warsaw 2021			

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Neurology and Neurological Nursing	Course code	P11.D.35.NPN
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	V, VI	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project	Laboratory	
15	30	30	
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work	90		
Total	150		
ECTS	6		
PREREQUISITES			
Knowledge and skills in the field of: anatomy, physiology, pathology, nursing basics, physical examinations, pharmacology.			
COURSE OBJECTIVE			
The aim of the course is:			
<ul style="list-style-type: none"> • for students to acquire knowledge, skills, and attitudes enabling them to provide professional nursing care to patients with diseases of the nervous system. 			
LEARNING OUTCOMES			
CODE	DESCRIPTION	LEARNING OUTCOME	
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;	D.W.1	
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;	D.W.2	
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;	D.W.3	
W4	- the student knows and understands: types of diagnostic tests and the principles of ordering them;	D.W.4	
W5	- the student knows and understands: the principles of preparing patients of different ages and health conditions for diagnostic tests and procedures, as well as the principles of care during and after these tests and procedures	D.W.5	
W6	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;	D.W.6	

W7	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;	D.W.7
W8	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8
W9	- students know and understand: the aging process in biological, psychological, social, and economic terms;	D.W.9
W10	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);	D.W.10
W11	- the student knows and understands: pathophysiology, clinical symptoms, course, treatment, and prognosis of developmental diseases: respiratory system, circulatory system, nervous system, urinary tract, digestive system, as well as endocrine, metabolic, allergic, and blood diseases;	D.W.13
W12	- the student knows and understands: methods and techniques of communicating with patients who are unable to establish and maintain effective communication due to their health condition or treatment;	D.W.33
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U5	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U6	- the student is able to: recognize complications after specialist diagnostic tests and surgical procedures;	D.U.8
U7	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U8	- the student is able to: perform an electrocardiogram and recognize life-threatening disorders;	D.U.10
U9	- the student is able to: prepare the patient physically and mentally for diagnostic tests;	D.U.12
U10	- the student is able to: issue referrals for specific diagnostic tests;	D.U.13
U11	- students are able to: teach patients and their caregivers how to select and use nursing and rehabilitation equipment and medical devices;	D.U.16
U12	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U13	- the student is able to: care for patients with intestinal fistulas and intubation and tracheotomy tubes;	D.U.19
U14	- the student is able to: conduct a therapeutic conversation;	D.U.20
U15	- the student is able to: conduct bedside rehabilitation and activation using elements of occupational therapy;	D.U.21
U16	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U17	- the student is able to: assist the doctor during diagnostic tests;	D.U.23
U18	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24

U19	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25	
U20	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26	
U21	- the student is able to: provide first aid in life-threatening situations;	D.U.27	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	Clinical part:	0	0
2	Disorders of the nervous system. Etiopathogenesis of neurological disorders.	0	0
3	Neurological examination. Modern diagnostic methods used in neurology.	0	0
4	Cerebral vascular diseases.	0	0
5	Demyelinating diseases.	0	0
6	Parkinson's disease.	0	0
7	Epilepsy – classification, etiology, types of seizures, management.	0	0
8	Brain injuries and spinal cord injuries.	0	0
9	Muscle and peripheral nerve diseases.	0	0
10	Nursing section:	0	0
11	Nursing management in selected conditions of nervous system dysfunction.	0	0
12	The role of nurses in the diagnosis and treatment of neurological patients.	0	0
13	Nursing care for patients with cerebrovascular diseases.	0	0
14	Nursing care for patients with multiple sclerosis.	0	0
15	Nursing care for patients with Parkinson's disease.	0	0
16	Nursing care for patients with epilepsy.	0	0
17	Nursing care for patients with myasthenia gravis.	0	0
18	Specifics of nursing care for patients with polyneuropathy.	0	0
19	Nursing care for patients with central nervous system cancer.	0	0
20	Nursing care for patients with discopathy, craniocerebral trauma, spinal cord and spinal cord injuries.	0	0
21	Nursing care for patients with meningitis and encephalitis.	0	0
ZP CSM		0	0
1	Principles of care for patients in the acute phase of ischemic stroke and hemorrhagic stroke.	0	0
2	Caring for disabled patients in the neurology ward - assessment of care capacity and preparation for self-care.	0	0

ZP.		0	0
1	The role and tasks of a nurse in a neurology ward.	0	0
2	Admission of a patient to the neurology ward.	0	0
3	The nurse's participation in diagnostic tests for neurological diseases.	0	0
4	Dealing with patients with higher nervous system disorders.	0	0
5	Principles of care for patients in the acute phase of ischemic stroke and hemorrhagic stroke.	0	0
6	Physical activity of patients after a stroke.	0	0
7	Caring for disabled patients in the neurology ward - assessment of care capacity and preparation for self-care.	0	0
8	Caring for patients with multiple sclerosis.	0	0
9	Principles of dealing with patients with epilepsy - the educational role of nurses.	0	0
10	Problems of patients with Parkinson's disease.	0	0
11	Caring for patients with inflammation of the central nervous system.	0	0
12	Nursing problems in caring for patients with peripheral syndrome.	0	0
13	Preparing patients for head surgery.	0	0
14	Nursing problems in caring for patients with brain tumors.	0	0
15	Principles of observation and care of patients with subarachnoid hemorrhage at different stages of treatment.	0	0
16	Nursing assessment of the patient's condition after brain injury.	0	0
17	The tasks of a nurse in caring for a patient after a craniocerebral injury.	0	0
18	Principles of comprehensive care for unconscious patients.	0	0
19	Principles of comprehensive care for patients with spinal disorders.	0	0
20	Principles of care for patients after spinal cord injury.	0	0
21	Standards of nursing care in neurology and neurosurgery.	0	0
PZ.		0	0
1	Diagnosis of the patient's condition and health needs at different stages of hospitalization.	0	0
Self-study		0	0
1	The role of nurses in preparing patients with Parkinson's disease for self-care.	0	0
2	Nursing problems in caring for patients with multiple sclerosis.	0	0
3	The nurse's role in the rehabilitation of patients after spinal cord injuries.	0	0
4	Principles of communication between nurses and patients with aphasia.	0	0
5	Nursing problems in caring for patients in a coma.	0	0
6	Diagnosis of neurological disorders using new imaging techniques.	0	0
TEACHING METHODS			
Conventional lecture and conversational lecture using audiovisual techniques demonstration, instruction, individual and group exercises			
ASSESSMENT CRITERIA			
Lecture			
Form and conditions for passing lectures - passing with a grade (Z) in the fifth semester; exam (E) in the sixth semester:			
<ul style="list-style-type: none"> • 100% attendance; confirmed by entry in the attendance register, • possible 10% absence compensated for in a manner agreed individually with the lecturer, • obtaining a positive grade on a multiple-choice test or oral exam; • admission to the exam is conditional on passing practical classes, self-study, and professional internships. 			
ZP CSM			

Form and conditions for passing ZP CSM:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- class participation,
- completion of the task specified in the class scenario,
- performing professional tasks in accordance with the procedures in force in the department,
- compliance with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the course.

ZP.

Form and conditions for passing practical classes - passing with a grade (ZO) in the fifth semester; passing with a grade (ZO) in the sixth semester:

- 100% attendance at classes (attendance confirmed by an attendance list),
- assessment of preparation for classes - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes.

Self-study

Form and conditions for passing self-study:

- Passing based on the completion and presentation of a written paper in line with the self-study topic.

PZ.

Form and conditions for passing professional practice - passing with a grade (ZO):

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
		Knowledge Lecture	
W1	1.	single or multiple choice test /written test/	D.W.1
W2	1.	single or multiple choice test /written test/	D.W.2
W3	1.	single or multiple choice test /written test/	D.W.3
W4	1.	single or multiple choice test /written test/	D.W.4
W5	1.	single or multiple choice test /written test/	D.W.5

W6	1.	single or multiple choice test /written test/	D.W.6
W7	1.	single or multiple choice test /written test/	D.W.7
W8	1.	single or multiple choice test /written test/	D.W.8
W9	1.	single or multiple choice test /written test/	D.W.9
W10	1.	single or multiple choice test /written test/	D.W.10
W11	1.	single or multiple choice test /written test/	D.W.13
W12	1.	single or multiple choice test /written test/	D.W.33
		Competencies	Lecture
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	ZP CSM
U1	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.16
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
		Competencies	ZP CSM
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6

	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
		Skills	ZP.
U1	1.	nursing report/duty report/	D.U.1
	2.	report using the nursing process method /nursing process/	
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
	2.	report using the nursing process method /nursing process/	
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
	2.	report using the nursing process method /nursing process/	
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.16
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U21	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
		Competencies	ZP.

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.5
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.9
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.10
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.13
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.33
Skills PZ.			
U1	1.	nursing report/duty report/	D.U.1
	2.	report using the nursing process method /nursing process/	
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3

U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
	2.	report using the nursing process method /nursing process/	
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.8
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
	2.	report using the nursing process method /nursing process/	
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.10
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.12
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.13
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.16
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U20	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U21	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
Competencies PZ.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	

K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
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No.	CRITERIA	Number of points		
			very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8

CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
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No.	CRITERIA	Number of points		
			very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

NURSING PROCESS ASSESSMENT CRITERIA			Assessment scaleof the nursing process in relation to number of points obtained	
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No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed	0-3	good	17-18

	interventions appropriate to the patient's health condition and available resources.			
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
TOTAL:		23		
		points		
mini-CEX EVALUATION CRITERIA			mini-CEX rating scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3
TOTAL:		9 points		
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12
2.	Correctness of the physical examination performed.	0-3		
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5
TOTAL:		12		
		points		
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
ECTS POINTS BALANCE				
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]		
		Full-time studies		Part-time studies
Hours with direct participation of an academic teacher	Lecture	55		55
	ZP	8		8
	CSM	72		72
	ZP.	80		80
Independent work by the student	PZ.	30		30
	Self-study	30		30
Total student workload		245		245
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work
	8	2	8	2

LITERATURE

Basic

1	Czaja E.: Procedures in neurosurgery. In: Nursing procedures in surgery, ed. E. Walewska, L. Ścisło. PZWL, Warsaw 2016.
2	Jaracz K. (ed.): Neurological nursing. PZWL, Warsaw 2021.
3	Jennifer A. Frontera [and Moses Bachan et al.]; scientific editor: Wojciech Kozubski; [translated by Wojciech Ambrosius, Andrzej Kędziński]. Life-threatening conditions in clinical neurology. PZWL Medical Publishing House, Warsaw 2011.

Supplementary

1	Kozbuski W., Liberski P. P.: Neurology. A textbook for medical students. 2nd edition, PZWL, Warsaw 2014.
2	Członkowska A., Członkowski A. Treatment in neurology. Compendium. PZWL Medical Publishing House, Warsaw 2014.

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Palliative care		Course code P11.D.37.OP
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	VI	Form of assessment	Exam
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project		Laboratory
15	30		30
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work		90	
Total		150	
ECTS		6	
PREREQUISITES			
Fundamentals of Nursing			
COURSE OBJECTIVE			
The aim of the course/module is:			
<ul style="list-style-type: none"> to prepare students to provide care for terminally ill patients, to support patients and their families, to apply standards of care, and to improve the quality of palliative care. 			
LEARNING OUTCOMES			
CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;		D.W.1
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;		D.W.2
W3	- the student knows and understands: the principles of diagnosis and care planning for patients in internal medicine, surgery, obstetrics and gynecology, pediatrics, geriatrics, neurology, psychiatry, intensive care, palliative care, and long-term care;		D.W.3
W4	- the student knows and understands: the properties of drug groups and their effects on the patient's systems and organs in various diseases, depending on age and health condition, taking into account side effects, interactions with other drugs, and routes of administration;		D.W.6
W5	- the student knows and understands: nursing standards and procedures used in the care of patients of different ages and health conditions;		D.W.7
W6	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;		D.W.8
W7	- the student knows and understands: the principles of organizing specialized care (geriatric, intensive medical care, neurological, psychiatric, pediatric, internal medicine, surgical, palliative, long-term, and in the operating room);		D.W.10

W8	- the student knows and understands: methods, techniques, and tools for assessing consciousness and alertness;	D.W.18
W9	- the student knows and understands: the etiopathogenesis and clinical symptoms of basic mental disorders;	D.W.19
W10	- the student knows and understands: the principles of caring for patients with intestinal and urinary fistulas;	D.W.25
W11	- the student knows and understands: methods and scales for assessing pain, sedation levels, sleep disorders, and delirium in patients in life-threatening conditions;	D.W.32
W12	- the student knows and understands: methods and techniques of communicating with patients who are unable to establish and maintain effective communication due to their health condition or treatment;	D.W.33
Skills		
U1	- the student is able to: gather information, formulate a nursing diagnosis, set nursing care goals and plan, implement nursing interventions, and evaluate nursing care;	D.U.1
U2	- the student is able to: provide guidance on self-care to patients of different ages and health conditions regarding developmental defects, diseases, and addictions;	D.U.2
U3	- the student is able to: prevent complications occurring in the course of diseases;	D.U.3
U4	- the student is able to: select techniques and methods of wound care, including dressing application;	D.U.6
U5	- the student is able to: select methods and means of wound care based on their classification;	D.U.7
U6	- the student is able to: administer oxygen to the patient on an ad hoc basis and monitor their condition during oxygen therapy;	D.U.9
U7	- the student is able to: modify the fixed dose of fast- and short-acting insulin;	D.U.11
U8	- the student is able to: prepare prescriptions for medicinal substances as part of ongoing treatment;	D.U.14
U9	- the student is able to: document the patient's health status, the dynamics of its changes, and the nursing care provided, taking into account IT tools for data collection;	D.U.15
U10	- students are able to: teach patients and their caregivers how to select and use nursing and rehabilitation equipment and medical devices;	D.U.16
U11	- the student is able to: provide enteral nutrition (via a feeding tube and feeding fistula) and parenteral nutrition to adults and children	D.U.17
U12	- the student is able to: recognize complications of pharmacological, dietary, rehabilitation, and therapeutic and nursing treatment;	D.U.18
U13	- the student is able to: care for patients with intestinal fistulas and intubation and tracheotomy tubes;	D.U.19
U14	- the student is able to: conduct a therapeutic conversation;	D.U.20
U15	- the student is able to: conduct bedside rehabilitation and activation using elements of occupational therapy;	D.U.21
U16	- the student is able to: communicate information about the patient's health status to members of the therapeutic team;	D.U.22
U17	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24
U18	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25
U19	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26
Competencies		

K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	The organization of hospice palliative care in Poland.	0	0
2	Quality of life as a priority in palliative care.	0	0
3	Complications and side effects of oncological treatment in terminally ill patients.	0	0
4	Total pain - diagnosis and treatment.	0	0
5	Communication with patients and their loved ones.	0	0
6	Children and adolescents in palliative care.	0	0
7	Care for the dying and in agony.	0	0
8	Ethical dilemmas in palliative care.	0	0
ZP CSM		0	0
1	Ways to reduce stress resulting from a cancer diagnosis – the role of the nurse.	0	0
2	Providing nursing care for patients and their families.	0	0
ZP.		0	0
1	Diagnosing a patient's need for support.	0	0
2	Ways to reduce stress resulting from a cancer diagnosis – the role of the nurse.	0	0
3	Providing nursing care for patients and their families.	0	0
4	Care for patients in the terminal phase of cancer.	0	0
5	Supportive care - the role and tasks of the nurse.	0	0
6	Standards in palliative care.	0	0
7	Subjectivity of care and nursing activities.	0	0
PZ.		0	0
1	The role of nurses in pain relief.	0	0
2	Nursing care for terminally ill children and their families.	0	0
3	Playing with a sick child as a therapeutic function.	0	0
4	Support for the family after the death of a child.	0	0
5	Ways of reducing stress in nurses resulting from working with patients with incurable diseases.	0	0
6	The psychological and spiritual role of nurses.	0	0
7	The nurse as a liaison with the family, priest, psychologist, and social worker.	0	0

8	Educating the family of the sick person in providing non-professional care for a dying patient.	0	0
Self-study		0	0
1	The psychological and spiritual role of nurses.	0	0
2	The nurse as a liaison with the family, priest, psychologist, and social worker.	0	0
3	Educating the family of the sick person in providing non-professional care for a dying patient.	0	0
4	The role of nurses in pain relief.	0	0
5	Nursing care for terminally ill children and their families.	0	0
6	Playing with a sick child as a therapeutic function.	0	0
7	Support for the family after the death of a child.	0	0
8	Ways of reducing stress in nurses resulting from working with patients with incurable diseases.	0	0
9	Nursing care for patients with selected cancer conditions.	0	0
TEACHING METHODS			
<p>Conversational lecture with the use of audiovisual techniques Group work Demonstration Work trial</p>			
ASSESSMENT CRITERIA			
Lecture			
<p>Form and conditions for passing lectures - passing with a grade (ZO) in the sixth semester:</p> <ul style="list-style-type: none"> • 100% attendance; confirmed by entry in the attendance register, • possible 10% absence compensated for in a manner agreed individually with the lecturer, • positive grade on a single-choice test or oral exam. 			
ZP CSM			
<p>Form and conditions for passing ZP CSM:</p> <ul style="list-style-type: none"> • 100% attendance at classes (attendance confirmed by an attendance list), • assessment of preparation for classes - oral response, test, • class participation, • completion of the task specified in the class scenario, • performing professional tasks in accordance with the procedures in force in the department, • compliance with the rules and regulations of practical classes, • passing individual skills in the list of skills to be passed in the nursing profession - practical test, • assessment of the student's attitude towards patients and their relatives as well as ward staff, • student self-assessment of the course. 			
ZP.			

Form and conditions for passing practical classes - passing with a grade (ZO) in the sixth semester:

- 100% attendance (confirmed by the attendance list),
- assessment of preparation for classes - oral response, test,
- activity during classes,
- providing nursing care using the nursing process method (collecting and analyzing data about the patient and their environment, making nursing diagnoses, planning and implementing the nursing process based on clinical cases, and evaluating the effects of the actions taken),
- keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, observation charts, measurement charts, individual nursing care charts, nursing report,
- performing professional tasks in accordance with the procedures in force in the ward,
- complying with the rules and regulations of practical classes,
- passing individual skills in the list of skills to be passed in the nursing profession - practical test,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of the implementation of classes

Self-study

Form and conditions for passing self-study:

completion based on the completion and presentation of a written paper in line with the topic of self-study.

PZ.

Form and conditions for passing professional practice - passing with a grade (ZO) in the sixth semester:

- 100% attendance at classes,
- providing nursing care using the nursing process method and keeping records in accordance with the principles of the nursing process/or in accordance with the stages of the nursing process: nursing history, individual nursing care chart, nursing report,
- compliance with the rules and regulations of professional practice,
- passing individual skills in the list of skills to be passed in the nursing profession,
- assessment of the student's attitude towards patients and their relatives as well as ward staff,
- student self-assessment of course completion.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
	Knowledge	Lecture	
W1	1.	oral response /oral assessment/	D.W.1
	2.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.2
	2.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	D.W.3
	2.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.6
	2.	single or multiple choice test /written test/	
W5	1.	oral response /oral assessment/	D.W.7
	2.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.8
	2.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.10
	2.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.18
	2.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.19
	2.	single or multiple choice test /written test/	

W10	1.	oral response /oral assessment/	D.W.25
	2.	single or multiple choice test /written test/	
W11	1.	oral response /oral assessment/	D.W.32
	2.	single or multiple choice test /written test/	
W12	1.	oral response /oral assessment/	D.W.33
	2.	single or multiple choice test /written test/	
		Competencies	Lecture
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
		Skills	ZP CSM
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
		Competencies	ZP CSM
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	

K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Skills ZP.			
U1	1.	report using the nursing process method /nursing process/	D.U.1
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
	2.	report using the nursing process method /nursing process/	
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
	2.	report using the nursing process method /nursing process/	
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.14
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
	2.	report using the nursing process method /nursing process/	
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.16
	2.	report using the nursing process method /nursing process/	
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
	2.	report using the nursing process method /nursing process/	
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
	2.	report using the nursing process method /nursing process/	
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
	2.	report using the nursing process method /nursing process/	
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
	2.	report using the nursing process method /nursing process/	
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25

U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
Competencies ZP.			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.3
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.6
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.7
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.10
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.18
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.19
W10	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.25
W11	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.32
W12	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.33
Competencies Self-study			

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
Skills PZ.			
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.2
	2.	report using the nursing process method /nursing process/	
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.3
	2.	report using the nursing process method /nursing process/	
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.6
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.7
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.9
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.11
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.14
U9	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.15
	2.	report using the nursing process method /nursing process/	
U10	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.16
	2.	report using the nursing process method /nursing process/	
U11	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.17
U12	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.18
	2.	report using the nursing process method /nursing process/	
U13	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.19
	2.	report using the nursing process method /nursing process/	
U14	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.20
	2.	report using the nursing process method /nursing process/	
U15	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.21
U16	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.22
	2.	report using the nursing process method /nursing process/	
U17	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U18	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U19	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
Competencies PZ.			

K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	

ASSESSMENT FORMS

CRITERIA FOR ASSESSING ORAL RESPONSES			Oral response grading scale in relation to the number of points obtained	
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No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8

CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written response grading scale in relation to the number of points obtained	
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No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		

TEST EVALUATION CRITERIA

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

NURSING PROCESS ASSESSMENT CRITERIA			Assessment scale of the nursing process in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to collect and document information about the patient's health using the following techniques: interview, observation, measurement, analysis of documentation, and physical examination.	0-3	very good	21-23
2.	Ability to correctly formulate a nursing diagnosis and nursing care goals.	0-3		
3.	Appropriate hierarchy of presented diagnoses.	0-3	good plus	19-20
4.	Planning activities in accordance with current nursing knowledge. Proposed method of implementation/proposed interventions appropriate to the patient's health condition and available resources.	0-3	good	17-18
5.	Implementation of the care plan and evaluation of the results obtained.	0-3	sufficient plus	15-16
6.	Knowledge, understanding of the subject.	0-3		
7.	Use of correct terminology.	0-3	Satisfactory	12-14
8.	Aesthetics of the work.	0-2	unsatisfactory	<12
TOTAL:		23 points		
mini-CEX EVALUATION CRITERIA			mini-CEX rating scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3
TOTAL:		9 points		
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12
2.	Correctness of the physical examination performed.	0-3		
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5
TOTAL:		12 points		
PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST (PASS ONLY IF NO CRITICAL ERRORS ARE MADE)				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
ECTS POINTS BALANCE				
Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]		
		Full-time studies	Part-time studies	
	Lecture	15	15	

Hours with direct participation of an academic teacher	ZP CSM	4		4	
	ZP.	36		36	
	PZ.	40		40	
Independent work by the student	Self-study	30		30	
Total student workload		125		125	
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work	
	4	2	4	2	
LITERATURE					
Basic					
1	De Walden-Gałuszko K, Aleksandra Ciałkowska-Rysz A. scientific editors. Palliative medicine. PZWL Medical Publishing House, Warsaw 2019.				
2	De Walden-Gałuszko K, Kaptacz A. (eds.). Palliative Care Nursing. PZWL Medical Publishing House, Warsaw 2018.				
3	Koper KJ., Koper A. scientific editors. Oncology Nursing. PZWL, Warsaw 2020.				
Supplementary					
1	Koper KJ., Koper A. scientific editors. Nursing problems of cancer patients and interdisciplinary care. PZWL, Warsaw 2021.				
2	Koper A., Wrońska I., scientific editors. Nursing problems of cancer patients: supporting materials for nurses working in oncology wards. PZWL, Warsaw 2017.				
3	Kordek R., Jassem J. Oncology. A handbook for students and doctors. VM Medica, Gdańsk 2019.				

STATE UNIVERSITY OF APPLIED SCIENCES IN GŁOGÓW

INSTITUTE OF HEALTH SCIENCES

SYLLABUS / COURSE DESCRIPTION



BASIC INFORMATION ABOUT THE SUBJECT			
Name of the subject (module)	Basics of emergency medical services	Course code	PH1.D.38.PRM
Name of the unit teaching the subject	Institute of Health Sciences		
Level of education	First-cycle studies	Profile	Practical
Field of study	Nursing	Specialization	
Education module	D. Module - SPECIALIST CARE SCIENCES	Language	English
Semester	II	Form of assessment	Pass with grade
HOURLY DIMENSION OF DIDACTIC CLASSES			
FULL-TIME STUDIES			
Lecture	Project	Laboratory	
15	30	30	
TOTAL HOURLY DIMENSION OF CLASSES			
Student's independent work	90		
Total	150		
ECTS	6		
PREREQUISITES			
Mastery of knowledge in the field of anatomy, physiology, and pathology			
COURSE OBJECTIVE			
The aim of the course is: to familiarize students with basic knowledge about health and life-threatening conditions			
LEARNING OUTCOMES			
CODE	DESCRIPTION	LEARNING OUTCOME	
Knowledge			
W1	- the student knows and understands: risk factors and health threats in patients of different ages;	D.W.1	
W2	- the student knows and understands: the etiopathogenesis, clinical symptoms, course, treatment, prognosis, and principles of nursing care for patients with selected diseases;	D.W.2	
W3	- the student knows and understands: types of diagnostic tests and the principles of ordering them;	D.W.4	
W4	- the student knows and understands: patient reactions to illness, admission to hospital, and hospitalization;	D.W.8	
W5	- the student knows and understands: the pathophysiology, clinical symptoms of diseases and life-threatening conditions in newborns, including premature babies, and the basics of nursing care in this area;	D.W.14	
W6	- the student knows and understands: principles of prevention of complications associated with the use of invasive diagnostic and therapeutic techniques in critically ill patients;	D.W.34	
W7	- the student knows and understands: the principles of first aid and resuscitation algorithms in the field of basic life support (BLS) and advanced life support (ALS);	D.W.35	
W8	- the student knows and understands: the principles of organization and functioning of the State Medical Rescue System;	D.W.36	

W9	- students know and understand: medical security procedures in mass events, disasters, and other special situations	D.W.37	
Skills			
U1	- the student is able to: assist the doctor during diagnostic tests;	D.U.23	
U2	- the student is able to: assess the level of pain, the patient's response to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	D.U.24	
U3	- the student is able to: follow the procedure for handling the body of a deceased patient;	D.U.25	
U4	- the student is able to: prepare and administer medications to patients by various routes, independently or as directed by a physician;	D.U.26	
U5	- the student is able to: provide first aid in life-threatening situations;	D.U.27	
U6	- the student is able to: temporarily immobilize bone fractures, dislocations, and sprains, and prepare the patient for transport;	D.U.28	
U7	- the student is able to: stop bleeding and hemorrhages on an ad hoc basis;	D.U.29	
U8	- the student is able to: perform basic resuscitation procedures in adults and children, use an automated external defibrillator (AED), and perform airway clearance without instruments and with instruments using available supraglottic devices;	D.U.30	
Competencies			
K	- the student is ready to: act in the best interests of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding for differences in worldview and culture, and empathy in their relationship with the patient and their family;	K.1	
K2	- the student is prepared to: respect the rights of the patient;	K.2	
K3	- the student is prepared to: practice the profession independently and reliably in accordance with ethical principles, including observing moral values and duties in patient care;	K.3	
K4	- the student is ready to: take responsibility for their professional activities;	K.4	
K5	- the student is ready to: seek expert advice in case of difficulties in solving a problem independently;	K.5	
K6	- the student is ready to: anticipate and take into account factors influencing their own reactions and those of the patient;	K.6	
K7	- the student is ready to: recognize and identify their own limitations in terms of knowledge, skills, and social competences, and to self-assess their deficits and educational needs.	K.7	
EDUCATIONAL CONTENT		ST	NST
TOPIC		0	0
Lecture		0	0
1	Introduction to basic and advanced resuscitation procedures.	0	0
2	Current standards for performing basic and advanced resuscitation procedures in adults and children. Sudden cardiac arrest: causes, mechanisms, special situations.	0	0
3	Organisation and functioning of the State Medical Rescue System, medical rescue activities, role and tasks of the nursing system based on legal acts.	0	0
4	Goals and tasks of disaster medicine. Definition of an incident with a large number of casualties, including multiple and mass incidents. Organization of pre-hospital care. Medical triage of casualties in the START and Jump START systems.	0	0
5	Initial examination and transport of trauma patients.	0	0
Practical classes		0	0

1	Introduction to basic resuscitation procedures in adults and children: airway clearance, defibrillation with an automated external defibrillator (AED), ventilation, chest compressions, calling the early response medical rescue team, the nurse's participation in basic resuscitation procedures.	0	0
2	Introduction to advanced resuscitation procedures in adults and children: ventilation with a self-inflating bag, instrumental airway management, defibrillation, pharmacotherapy, potentially reversible causes of sudden cardiac arrest, special situations, participation of nurses in advanced resuscitation procedures.	0	0
3	The role and tasks of nurses in providing first aid.	0	0
4	Triage of victims in incidents with a large number of casualties.	0	0
5	Basic and advanced resuscitation procedures in special situations: airway obstruction, hypovolemic shock, pregnancy, anaphylaxis, tension pneumothorax, hypothermia, poisoning.	0	0
6	Procedures at the scene of a traffic accident, trauma assessment of victims.	0	0
7	Transport of patients in a state of medical emergency.	0	0
Self-study		0	0
1	Written assignment on a selected topic related to the subject matter.	0	0

TEACHING METHODS

Seminar-style lecture using modern audiovisual techniques
Practical methods
Medical simulation of a traffic accident

ASSESSMENT CRITERIA

Lecture

Form and conditions for passing lectures - passing with a grade (ZO) in the second semester:

- 100% attendance; confirmed by entry in the attendance register,
- possible 10% absence compensated for in a manner agreed individually with the lecturer,
- a positive grade on a single-choice written test, colloquium, or oral exam is required to pass.

Practical classes

Form and conditions for passing classes at MCSM - passing with a grade (ZO) in the second semester:

- 100% attendance at classes (in case of absence - oral assessment of the class content);
- passing the exercises performed on phantoms - practical test.

Self-study

Form and conditions for passing self-study: the condition for passing self-study is a written test on a selected topic.

VERIFICATION OF LEARNING OUTCOMES

CODE	DESCRIPTION		LEARNING OUTCOME
Knowledge		Lecture	
W1	1.	oral response /oral assessment/	D.W.1
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W2	1.	oral response /oral assessment/	D.W.2
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W3	1.	oral response /oral assessment/	D.W.4
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W4	1.	oral response /oral assessment/	D.W.8
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	

W5	1.	oral response /oral assessment/	D.W.14
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W6	1.	oral response /oral assessment/	D.W.34
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W7	1.	oral response /oral assessment/	D.W.35
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W8	1.	oral response /oral assessment/	D.W.36
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
W9	1.	oral response /oral assessment/	D.W.37
	2.	written descriptive test /test, written test/	
	3.	single or multiple choice test /written test/	
Competencies		Lecture	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
Skills		Practical classes	
U1	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.23
U2	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.24
U3	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.25
U4	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.26
U5	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.27
U6	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.28
U7	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.29
U8	1.	practical test /completion of an assigned task, performance of a task, issuing a prescription, practical task/	D.U.30
Competencies		Practical classes	
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
	2.	student self-assessment	

K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
	2.	student self-assessment	
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
	2.	student self-assessment	
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
	2.	student self-assessment	
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
	2.	student self-assessment	
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6
	2.	student self-assessment	
K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7
	2.	student self-assessment	
Knowledge Self-study			
W1	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.1
W2	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.2
W3	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.4
W4	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.8
W5	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.14
W6	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.34
W7	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.35
W8	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.36
W9	1.	written work /paper, multimedia presentation, term paper, written test, research project/	D.W.37
Competencies Self-study			
K	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.1
K2	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.2
K3	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.3
K4	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.4
K5	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.5
K6	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.6

K7	1.	observation /by the teacher, lecturer, supervisor, internship supervisor, observation of the student during exercises, during classes/	K.7	
ASSESSMENT FORMS				
CRITERIA FOR ASSESSING ORAL RESPONSES			Oral responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	16
1.	Knowledge, understanding of the subject.	0-5	good plus	15
2.	Up-to-date knowledge of the subject area.	0-5	good	13-14
3.	Use of correct terminology.	0-3	sufficient plus	11-12
4.	Coherence of the statement.	0-3	Satisfactory	9-10
TOTAL:		16 points	unsatisfactory	<8
CRITERIA FOR EVALUATING THE PREPARED WRITTEN WORK			Written responsegrading scalein relation to the number of points obtained	
No.	CRITERIA	Number of points	very good	19-20
1.	Compliance of the subject matter and content with the assigned topic.	0-5	good plus	17-18
2.	Up-to-date knowledge of the subject matter.	0-5	good	15-16
3.	Maintaining the correct structure.	0-3	sufficient plus	13-14
4.	Selection of appropriate methods, means, and evaluation tools.	0-3	Satisfactory	11-12
5.	Selection of appropriate literature.	0-2	unsatisfactory	<10
6.	Aesthetics of the work.	0-2		
TOTAL:		20 points		
TEST EVALUATION CRITERIA				
1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers
mini-CEX EVALUATION CRITERIA			mini-CEXrating scalein relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	7-9
2.	Correctness of the physical examination performed.	0-3	Satisfactory	4-6
3.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-3
TOTAL:		9 points		
EVALUATION CRITERIA for practical test by observation			Assessment scale in relation to number of points obtained	
No.	CRITERIA	Number of points		
1.	Ability to gather information about the patient.	0-3	Highly satisfactory level	9-12
2.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
3.	Correctness of the physical examination performed.	0-3	Satisfactory	6-8
4.	Ability to provide feedback to the patient.	0-3	Unsatisfactory level	1-5
TOTAL:		12 points		

**PRACTICAL TEST ASSESSMENT CRITERIA WITH CHECK-LIST
(PASS ONLY IF NO CRITICAL ERRORS ARE MADE)**

1.	very good	5	very good	91% and above correct answers
2.	good plus	4,5	good plus	81-90% correct answers
3.	good	4	good	71-80% correct answers
4.	sufficient plus	3,5	dst plus	66-70% correct answers
5.	Satisfactory	3	dst	60-65% correct answers
6.	unsatisfactory	2	ndst	below 60% correct answers

ECTS POINTS BALANCE

Form of student workload (class participation, activity, report preparation, etc.)		Student workload[h]			
		Full-time studies		Part-time studies	
Hours with direct participation of an academic teacher	Lecture	10		10	
	Practical classes	15		15	
Independent work by the student	Self-study	30		30	
Total student workload		55		55	
ECTS credits per module/subject	with direct participation of an academic teacher	independent student work	with direct participation of an academic teacher	independent student work	
	1	1	1	1	

LITERATURE

Basic

1	European Resuscitation Council Guidelines 2021
2	Gaszyński W. Intensive care and emergency medicine: selected issues. PZWL Medical Publishing House. Warsaw 2018.
3	Kózka M., Rumian B., Maślanka M.: Emergency nursing. PZWL Publishing House. Warsaw 2013.

Supplementary

1	Campbell J. E., Alson R. L. International Trauma Life Support. Prehospital emergency care in trauma. Wydawnictwo Medycyna Praktyczna Publishing House. Krakow 2022.
2	Owczuk R. (ed.) Anesthesiology and intensive care. PZWL Publishing House. Warsaw 2022.
3	Paciorek P., Patrzala A. (eds.) Medical emergency procedures. PZWL Publishing House. Warsaw 2020.