

## PIE1.C07.Nosocomial infections

<b>Field of study</b>	<b>NURSING</b>	<b>Level</b>		1st degree		
		<b>Form of study</b>		Stationary		
		<b>Profile</b>		practical		
<b>Course</b>	<b>Nosocomial infections</b>	<b>Code</b>	PIE1.C07	<b>ECTS points</b>	2,5	
<b>Unit</b>	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12 <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
<b>Status of course/ Modular block</b>		Obligatory C. Basics of nursing care science				
<b>Year</b>	<b>Semester</b>	<b>Form of classes, hours and ECTS points for separate forms of classes</b>				
		<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
		<b>Theoretical education</b>			<b>Practical education</b>	
3	5	15	---	15	---	---
Form of crediting		ZO	---	ZO	---	---
ECTS		2,5			---	---
<b>Education area in direction of studies</b>	Medical sciences, health sciences and physical education sciences					
<b>Field of science</b>	Health Sciences					
<b>Language of lectures</b>	English					
<b>Prerequisites</b>	Knowledge regarding basics of microbiology and parasitology.					
<b>Educational goals</b>	<ul style="list-style-type: none"> <li>Familiarizing students with basic issues related to nosocomial infections</li> <li>Provide knowledge regarding organisation and goals of infection prevention associated with providing health services in a hospital</li> <li>Acquisition of skills concerning use of nosocomial infection prevention standards</li> <li>Acquisition of skills concerning the risk analysis of professional expression on selected nurse workstations</li> </ul>					
<b>Symbol of the course educational outcome</b>	<b>Description of the course educational outcome</b>			<b>Reference to the directional educational outcome</b>	<b>Correspondence level between the course educational outcome and the directional educational outcome</b>	
C07_K_W01	Defines nosocomial infections			C.W39	+++	
C07_K_W02	Lists tracts, aetiological factors and sources of nosocomial infections			C.W39	+++	
C07_K_W03	Lists ways of transmission control, prevention and eradication of			C.W40	+++	

	nosocomial infections		
C07_K_W04	Characterizes infections associated with hematogenous transmission ways	C.W41	+++
C07_K_W05	Characterizes systemic infections, nosocomial pneumonia, urinary tract and fungal infections	C.W41	+++
C07_K_W06	Characterizes epidemiological risks at mass gatherings	C.W41	+++
C07_K_U01	Implements standards of nosocomial infection prevention	C.U61	+++
C07_K_U02	Analyses the risk factors of nosocomial infections	C.U62	+++
C07_K_U03	Analyses the risk of professional expression on biological material and implements post-exposure actions	C.U62	+++
C07_K_U04	Takes safety measures while using disinfectants and segregates medical waste;	C.U63	+++
C07_K_K01	Systematically upgrades professional knowledge and skills regarding nosocomial infections	D.K2	+++
C07_K_K02	Reliably and accurately performs entrusted professional tasks associated with nosocomial infection prevention	D.K6	+++
C07_K_K03	Cooperates with the therapeutic team in terms of nosocomial infection prevention	D.K8	++
<b>Implemented directional educational outcomes</b>			
<b>Directional educational outcome</b>	<b>Description of the directional educational outcome</b>		
C.W39	Defines nosocomial infections, including sources and reservoir of micro-organisms in the hospital environment, routes of transmission, prevention and eradication of nosocomial infections		
C.W40	Explains ways to control transmission, prevent and eradicate nosocomial infections, including hospital environment microflora		
C.W41	Explains the mechanism and methods of dealing with blood poisoning, systemic infection, nosocomial pneumonia, urinary tract infection and fungal infection		
C.W42	Analyses epidemiological risks at mass gatherings of people in places such as schools, kindergartens, universities, hospitals, concerts, military barracks		
C.U61	Implements standards of conduct to prevent nosocomial infections and infections in other healthcare facilities		
C.U62	Conducts assessment and isolates potentially infected or contagiously ill patients		
C.U63	Takes safety measures while using disinfectants and segregates medical waste;		
D.K2	Systematically develops professional knowledge and skills, striving for professionalism		
D.K6	Performs professional duties reliably and accurately;		
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional conduct		
<b>CURRICULUM CONTENT</b>			
<b>Symbol and no. of classes</b>	<b>Content of classes</b>	<b>Implemented educational outcome</b>	<b>Hours</b>
<b>Form of classes: lectures</b>			
W01	Nosocomial infections as a public health issue.	C07_K_W07	1
W02	Epidemiology of nosocomial infections - sources, reservoir, microorganisms transmission routes in the hospital environment - epidemiological analysis. Preventive immunization, carrier state elimination.	C07_K_W07	2

W03	Physiological flora of the human organism.	C07_K_W04 C07_K_W05	2
W04	Types of nosocomial infections. Blood poisoning. Systemic infections. Nosocomial pneumonia. Urinary tract infection. Fungal infection.	C07_K_W01	2
W05	Basic ethological factors of nosocomial infections: bacteria, viruses, fungi-morphology, physiology, pathogenesis. Control methods.	C07_K_W03	2
W06	Prevention of occupational infections: biological agents in the workplace, personal protective equipment (types, terms of use). Medical waste segregation.	C07_K_W03 C07_K_W06	2
W07	Principles and methods of viral infections diagnosis. Collection and transport of materials for virological testing. Virus isolation and identification, serological methods, molecular methods.	C07_K_W04	2
W08	Antibiotic treatment in nosocomial infections. Antibiotic-resistance - mechanisms of bacterial resistance to antibiotics.	C07_K_W03	2
<b>Lectures in total/ Hours in total: lectures</b>		<b>15</b>	
<b>Form of classes - practical classes</b>			
CW01	Supervision organization over nosocomial infections in Poland and worldwide. Basic legal acts regarding the supervision of nosocomial infections in Poland and in the European Union. Nosocomial infections supervision systems functioning worldwide. Standard procedures of nosocomial infections prevention. Nosocomial infection team.	C07_K_U01	2
CW02	Nosocomial infection prevention methods: decontamination, aseptic rules, antiseptics rules (skin washing, hand disinfection prior to invasive procedures, types of disinfection, types of disinfectants), sterilization (types and conditions of sterilization, sterilization equipment preparation)	C07_K_U02	3
CW03	Nosocomial infection risk factors: exogenous factors, endogenous factors. Occupational infection prevention: biological agents in the workplace, personal protective equipment (types, terms of use). Post-exposure measures.	C07_K_U02 C07_K_U03 C07_K_U04	2
CW04	Postoperative infections: associated with insertion of artificial valves, vascular implant infection, bone implant infection, and joint prostheses. Implant infection pathomechanism	C07_K_U01 C07_K_U02	2
CW05	Blood poisoning. Urinary tract infection. Respiratory system infections. Antibigram - implementation principles.	C07_K_U01 C07_K_U02	2
CW06	Oncological patient infections	C07_K_U01 C07_K_U02	2
CW07	Transplantology infections	C07_K_U01 C07_K_U02	2
<b>BNA in total</b>		<b>15</b>	
<b>The correlation of particular types of classes</b>			
	<b>Lecture</b>	<b>CW</b>	
	W01	---	
	W02	---	
	W03	CW01	
	W04	CW02	
	W05	CW03	
	W06	CW04	
	W07	CW05	
	W08	CW06	
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**The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes**

Educational outcome code	Forms of classes		Verification methods	
	W	CW	W	CW
C07_K_W01	W01, W04	---	single or multiple choice test	---
C07_K_W02	W02	---	single or multiple choice test	---
C07_K_W03	W05, W06, W08	---	single or multiple choice test	---
C07_K_W04	W03, W07	---	single or multiple choice test	---
C07_K_W05	W03	---	single or multiple choice test	---
C07_K_W06	W06	---	single or multiple choice test	---
C07_K_U01	---	C04 C05 C06,, C01, C07	---	paper, multimedia presentation
C07_K_U02	---	C02, C03 C04 C05,, C06 C07	---	paper, multimedia presentation
C07_K_U03	---	C03	---	paper, multimedia presentation
C07_K_U04	---	C03	---	paper, multimedia presentation
C07_K_K01	all	all	360° observation	360° observation
C07_K_K02	all	all	360° observation	360° observation
C07_K_K03	all	all	360° observation	360° observation

**Teaching methods, method of implementation and evaluation**

<b>Lecture</b>	Lecture merged with multimedia presentation Passing the lecture (prior to passing practical classes): final test
<b>Practical classes*</b>	<p>Practical classes are aimed at achieving the effects of education in the field of skills.</p> <p>The students, divided into groups, prepare a paper or multimedia presentations and present them during classes. Exemplary paper subjects:</p> <ul style="list-style-type: none"> <li>• Characterization of standard proceedings regarding prevention of nosocomial infections;</li> <li>• functions of nosocomial infections team</li> <li>• principles of aseptics and antiseptics,</li> <li>• principles of disinfection;</li> <li>• principles of sterilization;</li> <li>• exogenous and endogenous factors in relation to nosocomial infections;</li> <li>• infection prevention, post-exposure actions;</li> <li>• particular human organism system infections;</li> <li>• Antibigram - principles of implementation.</li> </ul> <p>Passing practical classes: based upon the submitted papers (presentations).</p>

**Student's workload**

Hours of student's work	Activity form	Hours in detail	Hours in total	
Contact hours with an academic teacher	Participation in lectures	15 hours	15	
	Participation in practical classes	15 hours	15*	
	Participation in consultations related to classes *	Each form of classes includes 2 hours of consultation	2 2*	
Student's individual work	Preparation for practical classes	15 hours	15*	
	Preparation for the final test from lectures	5 hours	5	
Total student's workload			<b>54</b>	
<b>Quantity indicator</b>	Workload		Hours	
	Student's workload associated with classes that require direct teacher participation		34	
	Student's workload associated with classes that do not require direct teacher participation		20	
	* Student's workload associated with practical classes		32	
	Student's workload associated with theoretical classes, incl:		22	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Bober-Geek B., Fleischer M.: Podstawy pielęgniarstwa epidemiologicznego. (Epidemiological nursing basics.), Urban &amp; Partner, Wrocław 2006.</li> <li>Heczko B.: Mikrobiologia. Podręcznik dla pielęgniarek, położnych i ratowników medycznych. (Microbiology. Manual for nurses, midwives and paramedics.), Wydawnictwo Lekarskie PZWL, Warszawa 2006.</li> <li>Heczko B.: Zakażenia szpitalne: podręcznik dla zespołów kontroli zakażeń szpitalnych. (Nosocomial infections: a manual for hospital infection control teams.), Wydawnictwo Lekarskie PZWL, Warszawa 2009.</li> <li>Marcinkowski J.T.: Higiena, profilaktyka i organizacja w zawodach medycznych. (Hygiene, prevention and organisation in medical professions.), Wydawnictwo Lekarskie PZWL, Warszawa 2003.</li> <li>Denys A.: Zakażenia szpitalne w wybranych oddziałach. Cz. 2. Stan prawny na 1 kwietnia 2013 r. (Nosocomial infections in chosen departments. Part 2. Legal status of 1 April 2013.), Wolters Kluwer Polska, Warszawa 2013.</li> </ul>			
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>Dzierżanowska D.: Ciężkie zakażenia szpitalne: problem interdyscyplinarny. (Severe nosocomial infections: an interdisciplinary issue.), Evereth Publishing, Warszawa 2013.</li> <li>Dzierżanowska D., Jeliaszewicz J.: Zakażenia szpitalne. (Nosocomial infections.), Alfa-medica Press, Bielsko-Biała 2008.</li> </ul>			
<b>Grades – details</b>				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
C07_K_W01	Does not define nosocomial infection	Defines nosocomial infection, but uses an obsolete definition	Incompletely defines nosocomial infection	Defines nosocomial infection
C07_K_W02	Does not list nosocomial infections routes and/or aetiological factors of nosocomial infections and/or sources of nosocomial infections	Lists some routes, aetiological factors and sources of nosocomial infections	Lists most of the routes, aetiological factors and sources of nosocomial infections	Lists routes, aetiological factors and sources of nosocomial infections
C07_K_W03	Does not list ways of transmission control, prevention and eradication of	Lists some ways of transmission control, prevention and eradication of	Lists most ways of transmission control, prevention and eradication of	Professionally lists ways of transmission control, prevention and eradication of

	nosocomial infections	nosocomial infections	nosocomial infections	nosocomial infections, including the type of infection
C07_K_W04	Does not characterize infections associated with hematogenous transmission ways	To a small degree characterizes infections associated with hematogenous transmission ways	Making only small mistakes, characterizes infections associated with hematogenous transmission ways	Professionally characterizes by the risks associated with hematogenous transmission ways
C07_K_W05	Does not characterize systemic infections, nosocomial pneumonia, urinary tract and fungal infections	Characterizes some systemic infections, nosocomial pneumonia, urinary tract and fungal infections	Characterizes most systemic infections, nosocomial pneumonia, urinary tract and fungal infections	Differentiates particular types of infections: microbial, nosocomial pneumonia, urinary tract infections and fungal infections
C07_K_W06	Does not characterize epidemiological threats at chosen mass gatherings of people	Lists some epidemiological threats at chosen mass gatherings of people	Lists most epidemiological threats at chosen mass gatherings of people	Professionally characterizes epidemiological threats at chosen mass gatherings of people
C07_K_U01	Does not implement standards of nosocomial infections prevention	Makes significant mistakes while implementing standards of nosocomial infections prevention	Makes insignificant mistakes while implementing standards of nosocomial infections prevention	Professionally implements standards of nosocomial infections prevention
C07_K_U02	Does not analyses the risk factors of nosocomial infections	To a small degree analyses the risk factors of nosocomial infections	Quite well analyses the risk factors of nosocomial infections	Professionally analyses the risk factors of nosocomial infections
C07_K_U03	Does not analyse professional expression risks on study samples and/ or does not implement adequate post-exposure actions	Analyses professional expression risks on study samples, does not implement post-exposure actions	Analyses professional expression risks, however has some difficulties with implementation of adequate post-exposure actions	Professionally analyses professional expression risks on study samples, implements adequate post-exposure actions for any nurse workstation
C07_K_U04	Does not maintain required security measures in application of disinfectants and medical waste segregation	Uses disinfectants and segregates medical waste, however makes quite significant mistakes in safety of their use	Quite professionally uses disinfectants and segregates medical waste, making irrelevant mistakes	Professionally uses disinfectants and segregates medical waste
C07_K_K01	Does not update professional knowledge and skills regarding nosocomial infections	To a small degree updates professional knowledge and skills regarding nosocomial infections	Quite systematically updates professional knowledge and skills regarding nosocomial infections	Systematically updates professional knowledge and skills regarding nosocomial infections
C07_K_K02	Unreliably and inaccurately performs entrusted professional tasks associated with nosocomial infections prevention	Negligently performs entrusted professional tasks associated with nosocomial infections prevention	Correctly performs entrusted professional tasks associated with nosocomial infections prevention	Reliably and accurately performs entrusted professional tasks associated with nosocomial infections prevention
C07_K_K03	Does not cooperate with the therapeutic team in terms of	Basically cooperates with the therapeutic team, however shows	Cooperates well with the therapeutic team in terms of nosomical	Actively cooperates with the therapeutic team in terms of

	nosocomial infections prevention	too much of an individualistic attitude	infections prevention	nosocomial infections prevention, takes into account views and opinions of other team members
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## PIE1.D01. Internal diseases and Medical Nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Internal diseases and Medical Nursing	Code	PIE1.D01	ECTS points	17,5	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course/ Modular block		Obligatory D. Specialised care sciences				
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
2	3	15+30	10	15	80	40
Form of crediting		ZO	ZO	ZO	ZO	ZO
ECTS		3			6,0	1
2	4	15+15	10	15	40	---
Form of crediting		ZO	ZO	ZO	---	---
ECTS		3			1,5	---
2	4	Final OSCE exam				
2	4	---	---	---	---	120
Form of crediting		---	---	---	---	ZO
ECTS		---			---	3,0
Education area in direction of studies	Medical sciences, health sciences and physical education sciences					
Field of science	Health Sciences					
Language of lectures	English					
Prerequisites	Knowledge within the basics of anatomy, physiology, psychology and health promotion.					
Educational goals	<ul style="list-style-type: none"> <li>Familiarizing students with the fundamentals of etiology, pathophysiology, clinical picture, diagnosis and the basis for treatment of the most common diseases of internal organs.</li> <li>Providing students with fundamental knowledge about risk factors, health risks and life threatening symptoms, concerning a patient with internal organs disease.</li> <li>Providing students with knowledge about the principles of assessing the condition of a patient with internal organs disease and the principles of diagnosis in medical nursing.</li> <li>Providing students with knowledge and develop their abilities in terms of gathering information, formulating a nursing diagnosis, identifying nursing problems, setting goals and a care plan, implementing nursing interventions and evaluating the care.</li> <li>Developing students' abilities in terms of nursing patients treated for diseases of internal organs, in accordance with current nursing care techniques and procedures.</li> <li>Providing students with knowledge of the rules of preparation, care during and after the</li> </ul>					



	<p>tests and diagnostic procedures performed on patients with internal organs diseases, as well as development of their abilities to prepare the patient for diagnostic tests in a physical and mental dimension.</p> <ul style="list-style-type: none"> <li>Developing the ability to assess the psychophysical performance of the patient and the patient's family in self-care, and prepare the patient for a life with chronic internal disease</li> </ul>		
Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
Educational outcomes regarding knowledge			
D01_K_W01	Lists life threatening symptoms caused by any given disease unit, within internal diseases, depending on the patient's age	D.W1	+++
D01_K_W02	Characterizes risk factors and health risks for any given disease unit, within internal diseases of a patient, depending on the patient's age and health condition	D.W2	+++
D01_K_W03	Explains the etiopathogenesis, clinical symptoms, process, treatment, prognosis and nursing care in particular diseases of the body systems and organs (in internal diseases)	D.W3	+++
D01_K_W04	Knows the principles for assessing the state of a medical patient, depending on age - in specific disease units, within internal diseases	D.W4	+++
D01_K_W05	Knows the principles of medical nursing diagnosis	D.W5	+++
D01_K_W06	Knows the principles of care planning for patients, depending on their age and health - in specific disease units, within internal diseases	D.W6	+++
D01_K_W07	Knows the principles of preparation, care during and after treatment, and diagnostic procedures performed on medical patients of various ages and health condition	D.W7	+++
D01_K_W08	Characterizes groups of medication and their effect on patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medication and routes of administration	D.W8	+++
D01_K_W09	Characterizes nursing techniques and procedures used to take care of a medical patient, depending on age and health condition	D.W9	+++
D01_K_W10	Knows the principles of preparing a medical patient for self-care, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	D.W10	+++
D01_K_W11	Differentiates the medical patient's reactions to the disease and hospitalization, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	D.W11	+++
D01_K_W12	Knows the role of a nurse, when a medical patient is admitted to the healthcare institution, taking into account the patient's age and health condition	D.W12	+++
D01_K_W13	Knows specific principles of organising specialised internal care	D.W14	+++

D01_K_W14	Knows types of diagnostic tests used on patients with internal organs diseases and has knowledge of their commissioning	D.W52	+++
<b>Educational outcomes regarding skills</b>			
D01_K_U01	Collects information, formulates a nursing diagnosis, sets goals and a care plan, implements nursing interventions and evaluates care for a medical patient with a specific disease unit, within internal diseases	D.U1	++
D01_K_U02	Recognizes the determinants of maintaining health of recipients of care, at various ages and health conditions, affected by a specific internal disease	D.U2	++
D01_K_U03	Provides counselling, within self-care of patients of various ages and health conditions, in terms of specific internal diseases	D.U3	++
D01_K_U04	Motivates the medical patient and the patient's guardians to enter social support groups	D.U4	++
D01_K_U05	Conducts complications prevention in the course of internal diseases	D.U5	++
D01_K_U06	Collects material for diagnostic tests, in a given disease unit, within internal diseases	D.U9	++
D01_K_U07	Administers temporary oxygen in specific respiratory diseases	D.U11	++
D01_K_U08	Modifies a steady dose of insulin, which works rapidly and shortly on patients with diabetes	D.U11	++
D01_K_U09	Prepares the medical patient for physical and mental diagnostic tests	D.U12	++
D01_K_U10	Documents the patient's with a specific internal disease health condition, its change dynamics and implemented nursing care	D.U13	++
D01_K_U11	Recognizes the complications of pharmacological therapy treatment, dietary treatment, rehabilitation and medicinal-nursing care treatment, in a specific disease unit of the medical patient	D.U20	++
D01_K_U12	Conducts bed-side rehabilitation and movement improvement of a medical patient with a specific disease unit, and activation with the use of occupational therapy elements	D.U24	++
D01_K_U13	Conducts, documents and evaluates the medical patient's fluid balance;	D.U25	++
D01_K_U14	Provides information about the medical patient's health condition to members of the therapeutic team	D.U26	++
D01_K_U15	Assists the doctor in the course of diagnostic and medical examinations of certain internal diseases	D.U27	++
D01_K_U16	Keeps records regarding the care of patients with internal diseases: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an information card with recommendations, regarding self-care	D.U28	++
D01_K_U17	Prepares and administers medications in various ways, autonomously or on behalf of a doctor - within internal diseases	D.U33	++
D01_K_U18	Recognizes indicators of specific diagnostic tests, concerning specific internal diseases, and has the abilities to issue referrals for specific diagnostic tests	D.U34	++

<b>Educational outcomes regarding social competences</b>			
D01_K_K01	Respects the dignity and autonomy of care entrusted patients, within medical nursing	D.K1	++
D01_K_K02	Systematically improves professional knowledge, in terms of internal medicine and medical nursing, and develops skills, striving for professionalism	D.K2	++
D01_K_K03	Follows the values, duties and moral abilities in caring for a patient with internal organs disease	D.K3	++
D01_K_K04	Shows moral responsibility for another person and execution of professional tasks in medical nursing	D.K4	++
D01_K_K05	Respects the rights of a medical patient	D.K5	++
D01_K_K06	Reliably and accurately performs entrusted professional tasks, within medical nursing	D.K6	++
D01_K_K07	Abides by professional secrecy , in relation with a medical patient	D.K7	++
D01_K_K08	Collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct - within internal diseases	D.K8	++
D01_K_K09	Open for own and a medical patient's subjectivity development	D.K9	++
D01_K_K10	Manifests empathy in relation with a medical patient, and the patient's family and colleagues.	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Educational outcome symbol</b>	<b>Description of the directional educational outcome</b>		
D.W1	Lists life threatening symptoms of patients of various ages		
D.W2	Characterizes risk factors and health risks of patients of various ages and health conditions		
D.W3	Explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in following diseases: cardiovascular system (heart, blood vessels), respiratory system, nervous system, digestive system (stomach, intestines, large glands), liver, pancreas, urinary tract ( kidneys and bladder), osteoarticular system, muscle, endocrine system and blood diseases		
D.W4	Knows the principles for assessing a patient's condition, depending on the patient's age		
D.W5	Knows the principles of diagnosis in medical nursing, geriatric nursing, surgical nursing , paediatric nursing, neurological nursing, psychiatric nursing, anaesthesiological nursing, obstetric-gynaecological nursing and palliative care		
D.W6	Knows the principles of care planning for patients, depending on their age and health condition		
D.W7	Knows the principles of preparation, care taking during and after treatment, and diagnostic procedures performed on patients of various ages and health conditions		
D.W8	Characterizes groups of medication and their effect on patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medication and routes of administration		
D.W9	Characterizes nursing techniques and procedures used to take care of patients, depending on age and health condition		
D.W10	Knows the principles of preparing a patient for self-care, depending on age and health condition		
D.W11	Differentiates patient's reaction to disease and hospitalization depending on age and health condition		
D.W12	Knows the role of a nurse when a patient is admitted to a healthcare institution, taking into account the patient's age and health condition		
D.W14	Knows the specific principles of the organization of specialized care (geriatric, intensive medical care, neurological, psychiatric, paediatric, internal, surgical, palliative and medical emergency		

	system in Poland)		
D.W52	Knows types of diagnostic tests and has knowledge of their commissioning		
D.U1	Collects information, formulates nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and evaluates patient care		
D.U2	Recognizes conditions of maintaining patients' mental health of various ages and health condition		
D.U3	Provides counselling in terms of self-care of patients of various ages and health conditions, concerning developmental disorders, diseases and addictions		
D.U4	Motivates the patient and the patient's guardians to enter social support groups		
D.U5	Conducts complications prevention in the progress of diseases		
D.U9	Collects material for diagnostic tests		
D.U11	Temporarily administers oxygen, modifies the constant dose of rapid and short-acting insulin		
D.U12	Prepares the patient for physical and mental diagnostic tests		
D.U13	Documents the patient's health situation, its change dynamics and implemented nursing care		
D.U20	Recognizes complications of drug therapy, dietary complications, rehabilitation and nursing care complications		
D.U24	Conducts bedside rehabilitation and movement improvement of a patient, and activation with the use of occupational therapy elements		
D.U25	Conducts, documents and evaluates the patient's fluid balance		
D.U26	Relays information about the patient's health condition to members of the interdisciplinary team		
D.U27	Assists the doctor during diagnostic and treatment examination		
D.U28	Keeps records regarding the care of patients: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure ulcers, and an information card with recommendations, regarding self-care		
D.U33	Prepares and administers medications in various ways , autonomously or on behalf of a doctor		
D.U34	Recognizes indicators of specific diagnostic tests and has the abilities to issue referrals for specific diagnostic tests		
D.K1	Respects the dignity and autonomy of care entrusted people		
D.K2	Systematically develops professional knowledge and abilities, striving for professionalism		
D.K3	Adheres to moral values, responsibilities and efficiency, regarding care		
D.K4	Provides moral responsibility for another person and execution of professional tasks		
D.K5	Respects the patient's rights		
D.K6	Performs professional duties reliably and accurately		
D.K7	Adheres to professional secrecy		
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct		
D.K9	Is open for one's own and patient's subjectivity development		
D.K10	Manifests empathy in relation with a patient, and the patient's family and colleagues.		
<b>CURRICULUM CONTENT</b>			
Symbol and no. of classes	Subjects of classes	Implemented educational outcome	Hours
<b>Form of classes: lectures</b>			
<b>Internal diseases - 3rd semester</b>			
W01	Etiology, pathogenesis, clinical symptoms, fundamentals of	D01_K_W01	4

	<p>recognition and treatment of cardiovascular diseases:</p> <ul style="list-style-type: none"> <li>• coronary heart disease,</li> <li>• acute coronary syndromes,</li> <li>• chronic heart failure,</li> <li>• hypertension and its complications,</li> <li>• arrhythmia,</li> <li>• acute heart failure: cardiogenic shock and cardiogenic pulmonary oedema.</li> </ul>	<p>D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14</p>	
W02	<p>Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of respiratory system diseases:</p> <ul style="list-style-type: none"> <li>• COPD (Chronic Obstructive Pulmonary Disease)</li> <li>• asthma,</li> <li>• pneumonia,</li> <li>• acute and chronic respiratory failure.</li> </ul>	<p>D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14</p>	4
W03	<p>Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of gastrointestinal diseases:</p> <ul style="list-style-type: none"> <li>• peptic ulcer disease,</li> <li>• gastrointestinal haemorrhage</li> <li>• (GERD) Gastroesophageal Reflux Disease,</li> <li>• inflammatory enterocolitis disease: ulcerative colitis, Leśniowski-Crohn's disease.</li> </ul>	<p>D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14</p>	4
W04	<p>The etiology, pathogenesis, clinical symptoms, fundamentals of diagnosis and treatment of liver, gallbladder and pancreas diseases:</p> <ul style="list-style-type: none"> <li>• acute and chronic pancreatitis,</li> <li>• cholelithiasis (gallstone),</li> <li>• acute and chronic cholecystitis,</li> <li>• acute and chronic (viral) hepatitis-A, B, C, D and E,</li> <li>• alcoholic hepatitis,</li> <li>• acute hepatocellular insufficiency,</li> <li>• cirrhosis.</li> </ul>	<p>D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14</p>	3
<b>Hours in total</b>		<b>15</b>	
<b>Medical nursing - 3rd semester</b>			
W05	<p>Modern medical diagnostic – specialised tests, role of the nurse in preparation of the patient for diagnostic tests and nursing care after the tests.</p>	<p>D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07 D01_K_W13 D01_K_W14</p>	
W06	<p>The therapeutic team, nurse's tasks towards the patient, during hospitalization at the internal ward.</p>	<p>D01_K_W05 D01_K_W11</p>	
W07	<p>Problems of nursing care of patients with selected diseases of internal organs.</p>	<p>D01_K_W05 D01_K_W06 D01_K_W11</p>	
W08	<p>The rules of administering blood and blood preparations.</p>	<p>D01_K_W07 D01_K_W08</p>	
W09	<p>Documenting care, regarding the internal medicine ward</p>	<p>D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07</p>	

		D01_K_W09	
W10	The role and tasks of an internal medicine ward nurse The process of nurture, as a nurse's work method	D01_K_W11	
W11	Planning care for patients with respiratory diseases: diagnostic tests, the most common care problems caused by respiratory system diseases, ways of solving them, specific methods of treatment and nursing a patient with respiratory problems; oxygen therapy, administration of medication by inhalation, postural drainage, kinesitherapy.	D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07 D01_K_W08 D01_K_W09 D01_K_W10 D01_K_W11 D01_K_W12 D01_K_W13 D01_K_W14	
W12	Most frequent nursing problems caused by cardiovascular diseases and ways of solving them.	As above	
W13	Most frequent nursing problems caused by gastrointestinal diseases and ways of solving them. Digestive tract diagnosis.	As above	
	<b>Hours in total</b>		<b>30</b>
<b>Internal diseases - 4th semester</b>			
W14	Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of excretory system diseases: <ul style="list-style-type: none"> <li>• acute renal failure,</li> <li>• chronic renal failure; dialysis (therapy) complications,</li> <li>• urinary tract infections.</li> </ul>	D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14	3
W15	Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of blood diseases and hematopoietic system diseases: <ul style="list-style-type: none"> <li>• red blood cells system diseases: anemias,</li> <li>• white blood cell system diseases: leukocytosis and reactive lymphocytosis, lympho- and myeloproliferative syndromes,</li> <li>• haemorrhagic diathesis,</li> <li>• leukaemia,</li> </ul>	D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14	2
W16	Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of endocrine system diseases: <ul style="list-style-type: none"> <li>• hyperthyroid,</li> <li>• hypothyroidism</li> <li>• adrenal glands diseases,</li> <li>• hypophysis (pituitary gland) diseases,</li> </ul>	D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14	2
W17	Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of locomotor system diseases: <ul style="list-style-type: none"> <li>• rheumatoid arthritis (RA)</li> <li>• arthrosis,</li> <li>• systemic connective tissue diseases.</li> </ul>	D01_K_W01 D01_K_W02 D01_K_W03 D01_K_W04 D01_K_W08 D01_K_W14	4
W18	Etiology, pathogenesis, clinical symptoms, fundamentals of recognition and treatment of metabolic abnormalities: <ul style="list-style-type: none"> <li>• diabetes: classification, clinical symptoms and acute, and chronic complications; rules of diet treatment, oral</li> </ul>	D01_K_W01 D01_K_W02 D01_K_W03	4

	and insulin medication; • metabolic syndrome: definition and diagnosis.	D01_K_W04 D01_K_W08 D01_K_W14	
	<b>Hours in total</b>		<b>15</b>
<b>Medical nursing - 4th semester</b>			
W19	Most frequent nursing problems caused by hematopoietic system diseases and ways of solving them. The participation of nurses in blood and blood preparations transfusion, diagnostic tests and treatment methods in modern haematology.	D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07 D01_K_W08 D01_K_W09 D01_K_W10 D01_K_W11 D01_K_W12 D01_K_W13 D01_K_W14	3
W20	Most frequent nursing problems caused by urinary system diseases and ways of solving them. Nurse's role and tasks regarding care of a patient treated with renal replacement therapy methods (peritoneal dialysis, hemodialysis).	as above	3
W21	Most frequent nursing problems in diabetic patients, the rules of insulin therapy, complications of diabetes (hypoglycemia, hyperglycemia, late complications). Patient education.	as above	3
W22	Most frequent care problems in patients with thyroid, adrenal and pituitary diseases: methods of solving them, diagnosis, prevention and treatment of endocrine diseases.	as above	3
W23	Planning care for patients with connective tissue systemic diseases: arthritic diseases, RA, care taking problems of patients with connective tissue diseases and ways of solving them, methods of diagnosing connective tissue diseases, methods of treatment and improvement of patients with arthritic diseases.	as above	3
	<b>Hours in total</b>		<b>15</b>
<b>Form of classes: practical classes *</b>			
<b>3rd semester</b>			
C01	Technique, principles and preparation for diagnosis of respiratory system diseases.	D01_K_U06 D01_K_U18	5
C02	Technique, principles and preparation for diagnosis of cardiac system diseases.	D01_K_U06 D01_K_U18	5
C03	Technique, principles and preparation for diagnosis of gastrointestinal system diseases.	D01_K_U06 D01_K_U18	5
C04	Principles of blood and blood preparations transfusion.	D01_K_U06 D01_K_U18	2
C05	Insulin (therapy) principles. Serum glucose levels examination.	D01_K_U06 D01_K_U18	3
	<b>Hours in total: practical classes - 3rd semester</b>		<b>10</b>
<b>4th semester</b>			
C06	Technique, principles and preparation for diagnosis of urinary system diseases.	D01_K_U06 D01_K_U18	3
C07	Technique, principles and preparation for diagnosis of endocrine system diseases.	D01_K_U06	4

		D01_K_U18	
C08	Principles, preparation and care after examination, regarding locomotor system and systemic connective tissue diseases.	D01_K_U06 D01_K_U18	3
	<b>Hours in total: practical classes - 4th semester</b>	<b>10</b>	
<b>Form of classes: classes without participation of an academic teacher (BNA)</b>			
<b>3rd semester</b>			
BNA01	Nursing care of a patient with diabetes.	D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07 D01_K_W08 D01_K_W09 D01_K_W10 D01_K_W11 D01_K_W12 D01_K_W13 D01_K_W14	
BNA02	Nursing care of a patient with a metabolic syndrome.	as above	
BNA03	Nursing care for a patient with leukocytosis or lymphocytosis disease.	as above	
BNA04	Nursing care of a patient with the lympho- and myeloproliferative syndrome.	as above	
BNA05	Nursing care for a patient with acute and chronic pancreatitis.	as above	
BNA06	Nursing care of patient with gallbladder stones.	as above	
	<b>Hours in total. BNA – 3rd semester</b>	<b>15</b>	
<b>4th semester</b>			
BNA07	Nursing care of a patient with leukemia.	D01_K_W04 D01_K_W05 D01_K_W06 D01_K_W07 D01_K_W08 D01_K_W09 D01_K_W10 D01_K_W11 D01_K_W12 D01_K_W13 D01_K_W14	
BNA08	Nursing care of a patient with liver cirrhosis.	as above	
BNA09	Principles of diagnostic, medicinal and caring procedures for people with diabetes.	as above	
BNA10	Nurse's tasks regarding care of a patient with anemia.	as above	
	<b>Hours in total. BNA – 4th semester</b>	<b>15</b>	
<b>Form of classes: practical training classes *</b>			
<b>3rd semester</b>			
ZP01	Peculiarity of the internal medicine department functioning (regulations, health and safety regulations). Standards of nursing regulations binding in the ward	from D01_K_U01 to D01_K_U18	5



ZP02	<p>Cardiac system:</p> <ul style="list-style-type: none"> <li>• ischaemic heart disease (IHD),</li> <li>• hypertension,</li> <li>• arrhythmia,</li> <li>• acute heart failure,</li> <li>• coronary heart disease,</li> </ul>	from D01_K_U01 to D01_K_U18	25
ZP03	<p>Respiratory system:</p> <ul style="list-style-type: none"> <li>• pneumonia,</li> <li>• asthma,</li> <li>• COPD (Chronic Obstructive Pulmonary Disease)</li> <li>• Acute respiratory failure,</li> <li>• chronic respiratory failure.</li> </ul>	from D01_K_U01 to D01_K_U18	25
ZP04	<p>Gastrointestinal tract:</p> <ul style="list-style-type: none"> <li>• peptic ulcer disease,</li> <li>• gastrointestinal haemorrhage</li> <li>• (GERD) Gastroesophageal Reflux Disease,</li> <li>• Acute ulcerative colitis,</li> <li>• Leśniowski-Crohn's Disease.</li> </ul>	from D01_K_U01 to D01_K_U18	25
<b>Hours in total: practical training classes - 3rd semester</b>		<b>80</b>	
<b>4th semester</b>			
ZP05	<p>Excretory system:</p> <ul style="list-style-type: none"> <li>• nephritis and urinary tract inflammation,</li> <li>• acute renal failure,</li> <li>• chronic renal failure.</li> </ul>	from D01_K_U01 to D01_K_U18	15
ZP06	<p>Endocrine system:</p> <ul style="list-style-type: none"> <li>• hyperthyroid,</li> <li>• hypothyroidism</li> <li>• adrenal glands diseases,</li> <li>• hypophysis (pituitary gland) diseases,</li> </ul>	from D01_K_U01 to D01_K_U18	15
ZP07	<p>Non-traumatic locomotor system diseases:</p> <ul style="list-style-type: none"> <li>• rheumatoid arthritis (RA)</li> <li>• arthrosis,</li> <li>• systemic connective tissue diseases.</li> </ul>	from D01_K_U01 to D01_K_U18	10
<p>ATTENTION: in each of the above disease entities, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• age and health condition of the patient;</li> <li>• anamnesis and physical examination performed by a nurse for the purpose of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing patient's condition, depending on the patient's age;</li> <li>• methods of collecting medical history, planning principles, implementation and evaluation of actions undertaken in order to make a nursing diagnosis and develop a nursing process;</li> <li>• measurements of basic physiological parameters, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles of administering drugs (including side effects and interactions with other medication);</li> <li>• nurse's responsibilities in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about a patient and the patient's environment;</li> <li>• determining the area and nature of care of the patient;</li> <li>• preparing the patient for pro-health behaviours;</li> </ul>			

<ul style="list-style-type: none"> <li>preparing the patient and patient's family for self-care.</li> </ul>			
<b>Hours in total: practical training classes - 4th semester</b>			<b>40</b>
<b>Form of classes: professional training classes *</b>			
<b>3rd semester</b>			
PZ01	Peculiarity of the internal medicine department functioning (regulations, health and safety regulations). Standards of nursing regulations binding in the ward	from D01_K_U01 to D01_K_U18	10
PZ02	Cardiac system: <ul style="list-style-type: none"> <li>ischemic heart disease (IHD),</li> <li>hypertension,</li> <li>arrhythmia,</li> <li>acute heart failure,</li> <li>coronary heart disease,</li> </ul>	from D01_K_U01 to D01_K_U18	10
<b>Hours in total: professional training classes - 3rd semester</b>			<b>40</b>
<b>4th semester</b>			
PZ03	Respiratory system: <ul style="list-style-type: none"> <li>pneumonia,</li> <li>asthma,</li> <li>COPD (Chronic Obstructive Pulmonary Disease)</li> <li>Acute respiratory failure,</li> <li>chronic respiratory failure.</li> </ul>	from D01_K_U01 to D01_K_U18	25
PZ04	Gastrointestinal tract: <ul style="list-style-type: none"> <li>peptic ulcer disease,</li> <li>gastrointestinal haemorrhage</li> <li>(GERD) Gastroesophageal Reflux Disease,</li> <li>Acute ulcerative colitis,</li> <li>Leśniowski-Crohn's Disease.</li> </ul>	from D01_K_U01 to D01_K_U18	25
PZ05	Excretory system: <ul style="list-style-type: none"> <li>nephritis and urinary tract inflammation,</li> <li>acute renal failure,</li> <li>chronic renal failure.</li> </ul>	from D01_K_U01 to D01_K_U18	25
PZ06	Endocrine system: <ul style="list-style-type: none"> <li>hyperthyroid,</li> <li>hypothyroidism</li> <li>adrenal glands diseases,</li> <li>hypophysis (pituitary gland) diseases,</li> </ul>	from D01_K_U01 to D01_K_U18	25
PZ07	Non-traumatic locomotor system diseases: <ul style="list-style-type: none"> <li>rheumatoid arthritis (RA)</li> <li>arthrosis,</li> <li>systemic connective tissue diseases.</li> </ul>	from D01_K_U01 to D01_K_U18	20
<b>ATTENTION:</b> in each of the above disease entities, the following should be taken into account: <ul style="list-style-type: none"> <li>age and health condition of the patient;</li> <li>anamnesis and physical examination performed by a nurse for the purpose of a nursing diagnosis;</li> <li>characteristics of risk factors, health risks and life threatening symptoms;</li> <li>principles for assessing patient's condition, depending on the patient's age;</li> <li>methods of collecting medical history, planning principles, implementation and evaluation of actions undertaken in order to make a nursing diagnosis and develop a nursing process;</li> </ul>			

- measurements of basic physiological parameters, such as body temperature, pulse rate, blood pressure;
- methods and principles of administering drugs (including side effects and interactions with other medication);
- nurse's responsibilities in preparing patients for basic and specialist diagnostic tests, assisting during these tests and patient care after examination;
- recording, analysing, evaluating and collecting data about a patient and the patient's environment;
- determining the area and nature of care of the patient;
- preparing the patient for pro-health behaviours;
- preparing the patient and patient's family for self-care.

ATTENTION: During professional training classes focus on holistic nursing of a patient with a specific internal organs disease, to develop the following skills:

- organising the workplace,
- communicating with the patient and patient's family,
- cooperation with the therapeutic team,
- assessment of the functions of individual systems (circulatory, respiratory, digestive, excretory, endocrine, movement) through measurement, observation, interview, analysis of medical documentation, analysis of basic and specialized results of diagnostic tests,
- download materials for diagnostic tests,
- preparation of the patient for the endoscopic and imaging tests,
- administration of medication by various routes,
- Oxygen administration,
- performing physiotherapy treatments,
- maintaining patient's personal hygiene and environment,
- performing procedures to facilitate excretion,
- performing nursing-medical treatments on the skin and mucous membranes,
- documentation of nursing activities.

	<b>Hours in total: professional training classes - 4th semester</b>	<b>120</b>
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**The correlation of particular types of classes**

Semester	W	CW	BNA	ZP	PZ
3	W01-W13	C01-C05	BNA01-BNA06	---	---
	---	---	---	ZP01-ZP04	---
	---	---	---	---	PZ01-PZ02
4	W14-W23	C06-C08	BNA07-BNA10	---	---
	---	---	---	ZP05-ZP07	---
	Lectures, practical classes and practical training exams. Only after passing the exam the student can proceed with implementation of professional practice from the module. Ultimately: OSCE exam.				
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Note: practical classes may be implemented only after the end of theoretical education, while professional training practice - only after the end of practical training classes.

**The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes**

Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D01_K_W01	W01-W04 W14-W18	---	---	---	test	---	---	---

D01_K_W02	W01-W04 W14-W18	---	---	---	test	---	---	---
D01_K_W03	W01-W04 W14-W18	---	---	---	test	---	---	---
D01_K_W04	W01-W05 W09 W11-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W05	W05-W07 W09 W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W06	W05 W07 W09 W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W07	W05 W08-W09 W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W08	W01-W04 W08 W11-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W09	W09 W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W10	W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W11	W06-W07 W10-W13 W19-W23	---	---	---	test	---	---	---
D01_K_W12	W11-W13 W19-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_W13	W05 W11-W13	---	---	---	test	---	---	---

	W19-W23 BNA01- BNA10							
D01_K_W14	W01-W05 W11-W23 BNA01- BNA10	---	---	---	test	---	---	---
D01_K_U01	---	---	ZP01- ZP07	PZ01- PZ07	---	---	nursing care process	report
D01_K_U02	---	---	ZP01- ZP07	PZ01- PZ07	---	---	nursing care process	report
D01_K_U03	---	---	ZP01- ZP07	PZ01- PZ07	---	---	nursing care process	report
D01_K_U04	---	---	ZP01- ZP07	PZ01- PZ07	---	---	nursing care process	report
D01_K_U05	---	---	ZP01- ZP07	PZ01- PZ07	---	---	nursing care process	report
D01_K_U06	---	C01-C08	ZP01- ZP07	PZ01- PZ07	---	skill demonst ration	skill demonst ration	report
D01_K_U07	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U08	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U09	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U10	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U11	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U12	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U13	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U14	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U15	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report
D01_K_U16	---	---	ZP01- ZP07	PZ01- PZ07	---	---	skill demonst ration	report

D01_K_U17	---	---	ZP01-ZP07	PZ01-PZ07	---	---	skill demonstration	report
D01_K_U18	---	C01-C08	ZP01-ZP07	PZ01-PZ07	---	---	skill demonstration	skill demonstration report
D01_K_K01	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K02	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K03	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K04	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K05	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K06	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K07	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K08	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K09	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D01_K_K10	all	all	all	all	360° observation	360° observation	360° observation	360° observation
<b>Teaching methods, method of implementation and evaluation</b>								
<b>Lecture and classes without the participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture.  Condition for passing the lectures: final evaluation test  Each question is graded from 2.0 to 5.0. The grade for a particular educational outcome is determined as the arithmetic mean of grades obtained for specific test questions and is calculated with an accuracy of two decimal digits.</p>							
<b>Practical classes</b>	<p>Practical classes are mandatory.  Carried out in small groups. In the case of absence, the student must make up for the material in consultation classes, which should take place, where the practical classes are executed.  Practical classes are carried out in appropriate laboratories. Some of these practical classes are carried out in simulated conditions.  Final practical classes assessment test: for evaluation.  Each educational outcome is assessed separately; grade scale from 2.0 to 5.0.  Assessment details of the student's individual educational outcomes for the module are listed in the final part of the syllabus.</p>							
<b>Practical training classes</b>	<p>Practical training classes are carried out after completion of practical classes, in simulated conditions. Practical classes are carried out in natural conditions, i.e. in medical facilities. Some of these classes should be carried out in simulated conditions. Participation in practical training</p>							

	<p>classes is obligatory.</p> <p>Implementation of educational outcomes during practical training classes, in terms of abilities, which verify and summarize the skills developed by students during classes carried out in the form of practical classes (including simulated conditions), but also allow the practical use of knowledge acquired during lectures and classes without academic teacher's participation (knowledge educational outcomes). Therefore, these outcomes have a summary character. Detailed educational outcomes conducted by students, during practical training classes are indicated in the "Practical training diary".</p> <p>The educational outcome of practical training classes is the (developed by a student) process of nursing a patient with a selected disease.</p> <p>At the end of each semester, the student obtains a credit (Graded Assessment) based on the analysis of the entries in the "Practical training diary" (in particular on the basis of practical analysis of the student's performance characteristics, during practical training classes, including: student's compliance with the rules of performing the tasks assigned to him/ her; efficiency of performing these tasks, effectiveness of the tasks carried out, independence of performance, the way of communicating with the patient, attitude towards the patient, members of the therapeutic team and other students).</p>				
<b>Final module exam</b>	<p>After implementation and completion of all forms of classes, but before the start of professional training, the student shall take the final module exam.</p> <p>In case of skipping the OSCE procedure, the student randomly draws 1 task from the pool of tasks, concerning individual educational outcomes in terms of skills; social competences are verified during the student's presentation of acquired skills. 2 tasks hold theoretical knowledge, 2 tasks - skills.</p> <p>If the exam is carried out in accordance with the OSCE procedure, each student completes 4 standardized tasks, which include both theoretical knowledge (2 tasks) and practical knowledge (2 tasks). Tasks are drawn by students from a pool of theoretical tasks (at least 25 tasks), and practical tasks (at least 25 tasks), to each of whom there is a scenario-a checklist and indicated station, on which you must perform the selected task. Tasks drawn by the student are returned to the appropriate task pool.</p>				
<b>Professional training classes</b>	<p>Professional training classes (or the second part it, if the professional training classes are carried out in two semesters) may be conducted only after completion of all the preceding forms of didactic classes (lectures, BNA, practical classes, practical training classes). Implemented at selected medical entities. Its outcome is a nursing report prepared by the student.</p>				
<b>Student's workload</b>					
Hours of student's work	Activity form	Hours in detail		Hours in total	
Contact hours with an academic teacher	Participation in lectures	(15+30)+(15+15)		75	
	Participation in practical classes *	10 hrs + 10 hrs		20*	
	Participation in practical training classes *	80 hrs * + 40 hrs *		120*	
	Participation in consultations related to classes *	<b>3rd semester</b>		<b>4th semester</b>	
		W	2	W	2
		CW*	2*	CW*	2*
		BNA	2	BNA	2
ZP*		2*	ZP*	2*	
PZ*	2*	PZ*	2*	8 12*	
Contact hours with the mentor practitioner from the medical entity	Participation in professional training classes *	1 week + 3 weeks		160*	
Student's individual work	Preparation for practical classes *	20 hrs		20*	
	Preparation for practical training classes *	120 hrs		120*	
	Individual work related to the subject of BNA	30 hrs		30	

	classes			
	Preparation for the assessment exam from lectures from the 3rd semester	5 hrs	5	
	Preparation for the assessment exam from lectures from the 4th semester	5 hrs	5	
	Nurture process preparation (based on the material gathered during practical training classes) *	5 hrs	5*	
	Final exam preparation, covering all educational content, included in a module * (OSCE exam)	20 (half of the time was spent on preparation in terms of theoretical education, half-on practical training classes)	10 10*	
Total student's workload			<b>600</b>	
<b>Quantity indicator</b>	Workload	Hours	ECTS	
	Student's workload associated with classes that require direct teacher participation	235	6,9	
	Student's workload associated with classes that do not require direct teacher participation	365	10,6	
	* Student's workload associated with practical classes	467	13,6	
	Student's workload associated with theoretical classes	133	3,9	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>• Pączek L., Mucha K., Foroniewicz B., Choroby wewnętrzne. (Internal medicine) Podręcznik dla studentów pielęgniarstwa. (Manual for nursing and midwifery students) PZWL Warszawa 2009</li> <li>• Kokot F. under: Internal medicine diseases. PZWL Warszawa 2006</li> <li>• Talarska D., Zozulińska-Ziółkiewicz D.:Pielęgniarstwo internistyczne. (Medical nursing) PZWL Warszawa 2009</li> <li>• Kózka M., Płaszewska-Żywko L.: Procedury pielęgniarские. (Nursing procedures) PZWL Warszawa 2011</li> <li>• Kołodziej W, Eszyk J, Banaszak-Żak. Badanie fizykalne. (Physical examination) Skrypt dla studentów. (A script for students) WSPS Dąbrowa Górnicza 2009.</li> </ul>			
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>• Tatoń J., Czech A., Diagnostyka internistyczna., Warszawa 2002, PZWL (Internal medicine diagnosis)</li> <li>• Daniluk J., Jurkowska G. (red)., Zarys chorób wewnętrznych dla studentów pielęgniarstwa. (Schematics of internal medicine diseases for students) Lublin 2005, CzelejSp.z o.o.</li> <li>• Dison N.: Technika zabiegów pielęgniarских. (Nursing treatment techniques) PZWL Warszawa 1998</li> <li>• Hermann F., Müller P., Lohmann T. :Endokrynologia w praktyce klinicznej. (Endocrinology in clinical practice) PZWL Warszawa 2009</li> <li>• Zimmermann-Górska I., Choroby reumatyczne. (Rheumatic diseases) PZWL Warszawa 2004</li> <li>• Szczeklik A., Gajewski P.: Choroby wewnętrzne kompendium 2011. (Internal medicine diseases - 2011 compendium)</li> </ul>			
<b>Grades – details (intermediate grades omitted: 3.5 and 4.5).</b>				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D01_K_W01	Does not list life threatening symptoms caused by any given disease unit, within internal diseases, depending on the patient's age	Lists some life threatening symptoms caused by any given disease unit, within internal diseases, depending on the patient's age	Lists most of the symptoms caused by any given disease unit, within internal diseases, depending on the patient's age	Lists life threatening symptoms caused by any given disease unit, within internal diseases, depending on the patient's age
D01_K_W02	Does not characterizes risk factors and health	Characterizes some risk factors and health risks for any	Characterizes most risk factors and health risks for any	Characterizes risk factors and health risks for any given



	risks for any given disease unit, within internal diseases of a patient, depending on the patient's age and health condition	given disease unit, within internal diseases of a patient, depending on the patient's age and health condition	given disease unit, within internal diseases of a patient, depending on the patient's age and health condition	disease unit, within internal diseases of a patient, depending on the patient's age and health condition
D01_K_W03	Does not explain the etiopathogenesis, clinical symptoms, course treatment, prognosis and nursing care in particular diseases of the body and organs systems (in internal diseases)	Imprecisely, and with omitting important issues, explains the etiopathogenesis, clinical manifestations, course, treatment, prognosis and nursing care in some medical conditions of body and organs systems (in internal diseases)	Quite precisely, with omitting some details, explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in some medical conditions of body and organs systems (in internal diseases)	Explains the etiopathogenesis, clinical symptoms, process, treatment, prognosis and nursing care in particular diseases of the body and organs systems (in internal diseases)
D01_K_W04	Does not know the principles for assessing the state of a medical patient, depending on age - in specific disease units, within internal diseases	Knows some principles for assessing the state of a medical patient, depending on age - in specific disease units, within internal diseases	Knows most principles for assessing the state of a medical patient, depending on age - in specific disease units, within internal diseases	Knows all principles for assessing the state of a medical patient, depending on age - in specific disease units, within internal diseases
D01_K_W05	Does not know the principles of medical nursing diagnosis	Knows only some principles of medical nursing diagnosis	Knows most principles of medical nursing diagnosis	Knows all principles of medical nursing diagnosis
D01_K_W06	Does not know the principles of care planning for patients, depending on their age and health condition - in specific disease units, within internal diseases	Knows some principles of care planning for patients, depending on their age and health condition - in specific disease units, within internal diseases	Knows most principles of care planning for patients, depending on their age and health condition - in specific disease units, within internal diseases	Knows all principles of care planning for patients, depending on their age and health condition - in specific disease units, within internal diseases
D01_K_W07	The student does not know the principles of preparation, care during and after treatment, and diagnostic procedures performed on medical patients of various ages and health conditions	The student knows some principles of preparation, care during and after treatment, and diagnostic procedures performed on medical patients of various ages and health conditions	The student knows most principles of preparation, care during and after treatment, and diagnostic procedures performed on medical patients of various ages and health conditions	The student knows all principles of preparation, care during and after treatment, and diagnostic procedures performed on medical patients of various ages and health conditions
D01_K_W08	The student cannot characterize groups of medication and their effects on patient's systems, and patient's organs in various internal diseases, depending on age, and health condition, including side effects, interaction with other medication, and	The student characterizes some groups of medication and their effects on patient's systems, and patient's organs in various internal diseases, depending on age, and health condition, including side effects, interaction with other medication, and	The student characterizes most groups of medication and their effects on patient's systems, and patient's organs in various internal diseases, depending on age, and health condition, including side effects, interaction with other medication, and	The student characterizes all groups of medication and their effects on patient's systems, and patient's organs in various internal diseases, depending on age, and health condition, including side effects, interaction with other medication, and

	routes of administration	routes of administration	routes of administration	routes of administration
D01_K_W09	The student cannot characterize nursing techniques and procedures used to take care of patients with internal medicine diseases, depending on the patient's age and health condition	The student characterizes some nursing techniques and procedures used to take care of patients with internal medicine diseases, depending on the patient's age and health condition	The student characterizes most nursing techniques and procedures used to take care of patients with internal medicine diseases, depending on the patient's age and health condition	The student characterizes all nursing techniques and procedures used to take care of patients with internal medicine diseases, depending on the patient's age and health condition
D01_K_W10	The student does not know the principles of preparing a medical patient for self-care, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student knows some principles of preparing a medical patient for self-care, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student knows most principles of preparing a medical patient for self-care, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student knows all principles of preparing a medical patient for self-care, depending on the patient's age and health condition - in a specific disease unit, within internal diseases
D01_K_W11	The student does not differentiate the medical patient's reactions to the disease and hospitalization, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student differentiates some medical patient's reactions to the disease and hospitalization, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student differentiates most medical patient's reactions to the disease and hospitalization, depending on the patient's age and health condition - in a specific disease unit, within internal diseases	The student differentiates all medical patient's reactions to the disease and hospitalization, depending on the patient's age and health condition - in a specific disease unit, within internal diseases
D01_K_W12	The student does not know the role of a nurse, when a medical patient is admitted to the healthcare institution, taking into account the patient's age and health condition	The student knows the basic role of a nurse, when a medical patient is admitted to the healthcare institution, taking into account the patient's age and health condition	The student knows the role of a nurse, when a medical patient is admitted to the healthcare institution, taking into account the patient's age and health condition	The student fully knows the role of a nurse, when a medical patient is admitted to the healthcare institution, taking into account the patient's age and health condition
D01_K_W13	The student does not know the specific principles of the organisation of specialised internal medicine care in Poland	The student knows some specific principles of the organisation of specialised internal medicine care in Poland	The student knows most specific principles of the organisation of specialised internal medicine care in Poland	The student knows specific principles of organising specialised internal medicine care
D01_K_W14	Does not know the types of diagnostic tests used on patients with internal organs diseases and has no knowledge of their commissioning	Knows some types of diagnostic tests used on patients with internal organs diseases and has little knowledge of their commissioning	Knows most types of diagnostic tests used on patients with internal organs diseases and has basic knowledge of their commissioning	Knows all types of diagnostic tests used on patients with internal organs diseases and has knowledge of their commissioning
D01_K_U01	The student is unable to collect information, formulate a nursing diagnosis, sets goals and a care plan,	The student selectively collects information, formulates a nursing diagnosis, sets goals	The student mostly, correctly collects information, formulates a nursing diagnosis, sets goals	The student collects information, formulates a nursing diagnosis, sets goals and a care plan,

	implement nursing interventions and evaluate care for a medical patient with a specific disease unit, within internal diseases	and a care plan, implements nursing interventions and evaluates care for a medical patient with a specific disease unit, within internal diseases	and a care plan, implements nursing interventions and evaluates care for a medical patient with a specific disease unit, within internal diseases	implements nursing interventions and evaluates care for a medical patient with a specific disease unit, within internal diseases
D01_K_U02	The student does not recognize the determinants of maintaining health of recipients of care, at various ages and health conditions, affected by a specific internal disease	The student recognizes to a small degree, the determinants of maintaining health of recipients of care, at various ages and health conditions, affected by a specific internal disease	The student recognizes most determinants of maintaining health of recipients of care, at various ages and health conditions, affected by a specific internal disease	The student precisely recognizes determinants of maintaining health of recipients of care, at various ages and health conditions, affected by a specific internal disease
D01_K_U03	Does not conduct counselling, within self-care of patients of various ages and health conditions, in terms of specific internal diseases	To a small degree, conducts counselling, within self-care of patients of various ages and health conditions, in terms of specific internal diseases	Conducts most counselling correctly, within self-care of patients of various ages and health conditions, in terms of specific internal diseases	Conducts counselling correctly, within self-care of patients of various ages and health conditions, in terms of specific internal diseases
D01_K_U01	Does not motivate the medical patient and the patient's guardians to enter social support groups	To a small degree, motivates the medical patient and the patient's guardians to enter social support groups	To a large degree, motivates the medical patient and the patient's guardians to enter social support groups	Effectively motivates the medical patient and the patient's guardians to enter social support groups
D01_K_U05	Does not conduct complications prevention in the course of internal diseases	To a small degree, conducts complications prevention in the course of internal diseases	To a large degree, conducts complications prevention in the course of internal diseases	Conducts complications prevention in the course of internal diseases
D01_K_U06	Does not collect material for diagnostic tests, in a given disease unit, within internal diseases	Poorly collects material for diagnostic tests, in a given disease unit, within internal diseases	Collects material for diagnostic tests, in a given disease unit, within internal diseases well	Correctly collects material for diagnostic tests, in a given disease unit, within internal diseases
D01_K_U07	Does not administer temporary oxygen in specific respiratory disease units	To a small degree, administers temporary oxygen in specific respiratory disease units	To a large degree, administers temporary oxygen in specific respiratory disease units	Administers temporary oxygen in specific respiratory disease units
D01_K_U08	Does not modify a steady dose of insulin, which works rapidly and shortly on patients with diabetes	Has a problem with modifying a steady dose of insulin, which works rapidly and shortly on patients with diabetes	Almost without mistake, modifies a steady dose of insulin, which works rapidly and shortly on patients with diabetes	Modifies a properly fixed dose of rapid and short-acting insulin on patients with diabetes
D01_K_U09	Does not prepare the medical patient for physical and mental diagnostic tests	To a small degree, prepares the medical patient for physical and mental diagnostic tests	To a large degree, prepares the medical patient for physical and mental diagnostic tests	Prepares the medical patient for physical and mental diagnostic tests

D01_K_U10	Does not document the patient's with a specific internal disease health condition, its change dynamics and implemented nursing care	To a small degree, documents the patient's with a specific internal disease health condition, its change dynamics and implemented nursing care	To a large degree, documents the patient's with a specific internal disease health condition, its change dynamics and implemented nursing care	Documents the patient's with a specific internal disease health condition, its change dynamics and implemented nursing care
D01_K_U11	Does not recognize the complications of drug therapy treatment, dietary treatment, rehabilitation and medical-nursing care treatment, in a specific disease unit of the medical patient	To a small degree, recognizes the complications of drug therapy treatment, dietary treatment, rehabilitation and medical-nursing care treatment, in a specific disease unit of the medical patient	Recognizes most complications of drug therapy treatment, dietary treatment, rehabilitation and medical-nursing care treatment, in a specific disease unit of the medical patient correctly	Correctly recognizes the complications of drug therapy treatment, dietary treatment, rehabilitation and medical-nursing care treatment, in a specific disease unit of the medical patient
D01_K_U12	Does not conduct bedside rehabilitation and does not improve the medical patient's motor, within a specific disease unit	To a small degree, conducts bedside rehabilitation and improves the medical patient's motor, within a specific disease unit	Sufficiently conducts bedside rehabilitation and improves the medical patient's motor, within a specific disease unit	Fully conducts bedside rehabilitation and improves the medical patient's motor, within a specific disease unit by using occupational therapy elements
D01_K_U13	Does not conduct, document and evaluate the medical patient's fluid balance	To a small degree, conducts, documents and evaluates the medical patient's fluid balance;	To a large degree, conducts, documents and evaluates the medical patient's fluid balance;	Conducts, documents and evaluates the medical patient's fluid balance;
D01_K_U14	Does not relay information about the medical patient's health condition to members of the therapeutic team	To a small degree, relays information about the medical patient's health condition to members of the therapeutic team	Relays basic information about the medical patient's health condition to members of the therapeutic team	Relays full information about the medical patient's health condition to members of the therapeutic team
D01_K_U15	Does not assist the doctor in the course of diagnostic and medicinal examinations of certain internal diseases	To a small degree, assists the doctor in the course of diagnostic and medicinal examinations of certain internal diseases	To a large degree, assists the doctor in the course of diagnostic and medicinal examinations of certain internal diseases	Professionally assists the doctor in the course of diagnostic and medicinal examinations of certain internal diseases
D01_K_U16	Does not keep records regarding the care of patients with internal diseases: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an information card with recommendations, regarding self-care	To a small extent, while making mistakes, keeps records regarding the care of patients with internal diseases: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an	To a large extent, keeps records regarding the care of patients with internal diseases: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an information card with recommendations,	Professionally keeps records regarding the care of patients with internal diseases: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an information card with recommendations, regarding self-care

		information card with recommendations, regarding self-care	regarding self-care	
D01_K_U17	Does not prepare and administer medication in various ways, autonomously or on behalf of a doctor - within internal diseases	Imprecisely prepares and administers medication in various ways, autonomously or on behalf of a doctor - within internal diseases	Prepares medication, but has trouble with administering them in various ways, autonomously or on behalf of a doctor - within internal diseases	Correctly prepares and administers medication in various ways, autonomously or on behalf of a doctor - within internal diseases
D01_K_U18	Does not recognize indicators of specific diagnostic tests, concerning specific internal diseases, and does not have the abilities to issue referrals for specific diagnostic tests	To a small degree, recognizes indicators of specific diagnostic tests, concerning specific internal diseases, and has low abilities to issue referrals for specific diagnostic tests	To a large degree, recognizes indicators of specific diagnostic tests, concerning specific internal diseases, and has high abilities to issue referrals for specific diagnostic tests	Recognizes indicators of specific diagnostic tests and has the abilities to issue referrals for specific diagnostic tests
D01_K_K01	The student does not respect the dignity and autonomy of care entrusted persons, within medical nursing	The student partially respects the dignity and autonomy of care entrusted persons, within medical nursing	The student respects the dignity and autonomy of care entrusted persons, within medical nursing	The student is an exemplary in respecting the dignity and autonomy of care entrusted persons, within medical nursing
D01_K_K02	The student does not improve professional knowledge, within internal diseases and medical nursing and does not develop abilities, to strive for professionalism.	The student partially improves professional knowledge, within internal diseases and medical nursing and develops abilities, to strive for professionalism.	The student improves professional knowledge, within internal diseases and medical nursing and develops abilities, to strive for professionalism.	The student is an exemplary in improving professional knowledge, within internal diseases and medical nursing and develops abilities, to strive for professionalism.
D01_K_K03	The student does not follow the moral values, duties and abilities in caring for a patient with internal organs disease	The student partially follows the moral values, duties and abilities in caring for a patient with internal organs disease	The student follows the moral values, duties and abilities in caring for a patient with internal organs disease	The student is an exemplary in following the moral values, duties and abilities in caring for a patient with internal organs disease
D01_K_K04	The student does not show moral responsibility for another person and execution of professional tasks in medical nursing	The student partially shows moral responsibility for another person and execution of professional tasks in medical nursing	The student shows moral responsibility for another person and execution of professional tasks in medical nursing	The student is an exemplary in showing moral responsibility for another person and execution of professional tasks in medical nursing
D01_K_K05	The student does not comply with the medical patient's rights	The student partially complies with the medical patient's rights	The student complies with the medical patient's rights well	The student is an exemplary in complying with the medical patient's rights
D01_K_K06	The student unreliably and inaccurately performs assigned professional tasks, within medical nursing	The student partially performs assigned professional tasks, within medical nursing	The student performs assigned professional tasks, within medical nursing	The student reliably and very accurately performs assigned professional tasks, within medical nursing

D01_K_K07	The student does not abide by professional secrecy , in relation with a medical patient	The student partially abides by professional secrecy , in relation with a medical patient	The student abides by professional secrecy , in relation with a medical patient well	The student is an exemplary in abiding by professional secrecy , in relation with a medical patient
D01_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct - within internal diseases	The student partially collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct - within internal diseases	The student autonomously collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct - within internal diseases	The student is an exemplary and autonomously collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct - within internal diseases
D01_K_K09	The student is not open for own and a medical patient's subjectivity development	The student is partially open for own and a medical patient's subjectivity development	The student is open for own and a medical patient's subjectivity development	The student is an exemplary in opening for own and a medical patient's subjectivity development
D01_K_K10	The student does not manifest empathy in relation with a medical patient, and the patient's family and colleagues.	The student partially manifests empathy in relation with a medical patient, and the patient's family and colleagues.	The student manifests empathy in relation with a medical patient, and the patient's family and colleagues.	The student manifests great empathy in relation with a medical patient, and the patient's family and colleagues.

## PIE1.D02. Pediatrics and pediatric nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Paediatrics and paediatric nursing	Code	PIE1.D02	ECTS points	19,0	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course / Modular block		Obligatory D. Specialised care sciences				
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
3	5	20 + 15	10	15	40	80
Form of crediting		ZO	ZO	ZO	ZO	ZO
CTS		2,5			2,0	2,0
3	6	15+15	10	15	120	---
Form of crediting		ZO	ZO	ZO	ZO	---
ECTS		2,5			7,5	---
3	6	FINAL OSCE EXAM				
3	6	---	---	---	---	80
Form of crediting		---	---	---	---	ZO
ECTS		---			---	2,5
Education area in direction of studies	Medical sciences, health sciences and physical education sciences D. Specialised care sciences					
Field of science	Health Sciences.					
Language of lectures	English					
Prerequisites	Acquiring knowledge from the following subjects: Anatomy, Physiology, Pathology, Psychology, Physical examination.					
Educational goal	<ul style="list-style-type: none"> <li>Acquiring knowledge and skills regarding child care related to different ages, different health condition and different diseases.</li> <li>Preparing the student for appropriate proceedings in emergency situations in paediatrics.</li> </ul>					
Symbol of the course educational outcome	Description of the course educational outcome			Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome	

			(+ - low, ++ - medium, +++ - high)
<b>Educational outcomes regarding knowledge</b>			
D02_K_W01	Names life-threatening symptoms in the case of paediatric patients	D.W1	+++
D02_K_W02	Characterizes risk factors and health risks in the case of paediatric patients and regarding a particular disease within the range of childhood diseases	D.W2	+++
D02_K_W03	Explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in the system diseases and organ diseases (regarding childhood diseases)	D.W3	+++
D02_K_W04	Knows the principles for assessing the condition of a paediatric patient depending on age – in particular diseases within the range of childhood diseases	D.W4	+++
D02_K_W05	Knows the principles for diagnosing in paediatric nursing	D.W5	+++
D02_K_W06	Knows the principles for planning the patient care depending on age and health condition – in particular diseases within the range of childhood diseases	D.W6	+++
D02_K_W07	Knows the principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	D.W7	+++
D02_K_W08	Characterizes groups of medications and their effect on the patient's systems and organs in various childhood diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D02_K_W09	Characterizes nursing techniques and procedures used in paediatric patient care depending on age and health condition	D.W9	+++
D02_K_W10	Knows the principles for preparing a paediatric patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	D.W10	+++
D02_K_W11	Differentiates between the patient's reactions to the disease and hospitalisation, depending on age and health condition – in a particular disease within the range of childhood diseases	D.W11	+++
D02_K_W12	Knows the role of a nurse in admission of a paediatric patient to a healthcare facility depending on age and the patient's health condition	D.W12	+++
D02_K_W13	Knows the specific principles for organisation of specialised paediatric care	D.W14	+++
D02_K_W14	Explains pathophysiology and clinical symptoms of developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive system diseases, allergic diseases and blood diseases	D.W18	++
D02_K_W15	Knows types of diagnostic tests used in childhood diseases and knows the principles of ordering them	D.W52	+++
<b>Educational outcomes regarding skills</b>			
D02_K_U01	Collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in the case of a paediatric patient with a particular disease within the range	D.U1	++



	of childhood diseases		
D02_K_U02	Recognizes determinants of health preservation for care recipients depending on age and health condition, affected by a particular childhood disease	D.U2	++
D02_K_U03	Provides counselling on self-care of patients of different ages and health condition within the range of particular childhood diseases	D.U3	++
D02_K_U04	Motivates caretakers of a paediatric patient to join social support groups	D.U4	++
D02_K_U05	Conducts prophylaxis of complications in the course of childhood diseases	D.U5	++
D02_K_U06	Organises isolation of contagious patients in public places and at home	D.U6	++
D02_K_U07	Assesses psychophysical development of a child, performs screening tests, detects developmental disorders	D.U7	++
D02_K_U08	Diagnoses the degree of risk of developing pressure ulcers and classifies them	D.U8	++
D02_K_U09	Takes material for diagnostic tests regarding a particular disease within the range of childhood diseases	D.U9	++
D02_K_U09a	Prepares a paediatric patient for diagnostic tests in terms of physical and mental preparation	D.U12	++
D02_K_U10	Documents a health situation of a patient with a specific childhood disease, its dynamics of changes and provided nursing care	D.U13	++
D02_K_U11	Instructs the patient and the caretaker how to use the care and rehabilitation equipment and aiding additives	D.U18	++
D02_K_U12	Conducts enteral and parenteral nutrition for children using various techniques, including a rotary-peristaltic pump	D.U19	++
D02_K_U13	Recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the paediatric patient	D.U20	++
D02_K_U14	Conducts a therapeutic conversation with the paediatric patient (children, adolescents) and their family	D.U22	++
D02_K_U15	Provides information on the paediatric patient's health condition to the members of the therapeutic team	D.U26	++
D02_K_U16	Assists the physician during diagnostic and medical examination regarding particular childhood diseases	D.U27	++
D02_K_U17	Keeps records of patient care for the patient with a childhood disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	D.U28	++
D02_K_U18	Assesses the level of pain, the ill child's reaction to pain and increase in pain intensity, applies analgesic procedures	D.U29	++
D02_K_U19	Adjusts nursing interventions to the type of nursing problems in paediatrics	D.U32	++
D02_K_U20	Prepares and administers medications through different routes of administration, independently or on the order of a physician – in childhood diseases	D.U33	++
D02_K_U21	Is able to recognize indications for specific diagnostic tests regarding particular childhood diseases and has the skills to issue referrals for specific diagnostic tests	D.U34	++

<b>Educational outcomes regarding social competences</b>			
D02_K_K01	Respects the dignity and autonomy of people entrusted to care in paediatric nursing	D.K1	++
D02_K_K02	Systematically upgrades professional knowledge and skills in paediatrics and paediatric nursing, develops skills, aims at achieving professionalism	D.K2	++
D02_K_K03	Complies with values, responsibilities and moral skills in patient care associated with a patient with a childhood disease	D.K3	++
D02_K_K04	Demonstrates moral responsibility for a human and for professional tasks within paediatric nursing	D.K4	++
D02_K_K05	Respects paediatric patients' rights	D.K5	++
D02_K_K06	Reliably and precisely performs assigned professional duties within paediatric nursing	D.K6	++
D02_K_K07	Adheres to professional secrecy associated with a paediatric patient	D.K7	++
D02_K_K08	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in childhood diseases	D.K8	++
D02_K_K09	Is open to the development of one's own and patient's subjectivity	D.K9	++
D02_K_K10	Manifests empathy in the relationship with the paediatric patient, his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the directional educational outcome</b>	<b>Description of the directional educational outcome</b>		
D.W1	Names life-threatening symptoms in patients of all ages		
D.W2	Characterizes risk factors and health risks for patients of different ages and health condition		
D.W3	Explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in the following diseases: cardiovascular system (heart, blood vessels) disease, respiratory system disease, nervous system disease, digestive system (stomach, intestines, large glands) disease, liver disease, pancreas disease, urinary tract (kidneys and bladder) disease, osteoarticular system disease, muscles disease, endocrine system and blood disease		
D.W4	Knows principles for assessing the patient's condition depending on age		
D.W5	Knows principles of diagnosing in internal medicine, geriatric, surgical, paediatric, neurological, psychiatric, anesthesiological, obstetric-gynaecological nursing and palliative care		
D.W6	Knows principles of planning the patient care depending on age and health condition		
D.W7	Knows the principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition		
D.W8	Characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration		
D.W9	Characterizes nursing techniques and procedures used in patient care depending on age and health condition		
D.W10	Knows the principles for preparing the patient for self-care depending on age and health condition		
D.W11	Differentiates the patient's reactions to disease and hospitalisation, depending on age and health		
D.W12	Knows the role of a nurse in admission of a patient to a healthcare facility depending on age		

	and the patient's health condition		
D.W14	Knows specific principles for organisation of specialised care (geriatric, intensive, neurological, psychiatric, paediatric, internal medicine, surgical and palliative care and emergency medical service system in Poland)		
D.W18	Explains pathophysiology and clinical symptoms of developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive system diseases, allergic diseases and blood diseases		
D.W52	Knows types of diagnostic tests and knows the principles of ordering them		
D.U1	Collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation		
D.U2	Recognizes determinants of health preservation for care recipients depending on age and health condition		
D.U3	Provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions		
D.U4	Motivates a patient and his/her caretakers to join social support groups		
D.U5	Conducts prophylaxis of complications in the course of diseases		
D.U9	Takes material for diagnostic tests		
D.U12	Prepares a patient for diagnostic tests in terms of physical and mental preparation		
D.U13	Documents a health situation of a patient, its dynamics of changes and provided nursing care		
D.U20	Recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment		
D.U24	Conducts bedside rehabilitation and patient's motorical improvement and activation with the use of occupational therapy elements		
D.U25	Conducts, documents and evaluates the patient's fluid balance		
D.U26	Provides information on the patient's health condition to the members of the interdisciplinary team		
D.U27	Assists a physician during diagnostic and treatment tests		
D.U28	Keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care		
D.U33	Prepares and administers medications through different routes of administration, independently or on the order of a physician		
D.U34	Is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests		
D.K1	Respects the dignity and autonomy of people entrusted to care		
D.K2	Systematically develops professional knowledge and skills, aiming at professionalism		
D.K3	Observes values, duties and moral efficiency in care		
D.K4	Shows moral responsibility for a person and performing professional tasks		
D.K5	Respects the patient's rights		
D.K6	Honestly and accurately performs assigned professional duties		
D.K7	Adheres to professional secrecy		
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics		
D.K9	Is open to the development of his own and patient's subjectivity		
D.K10	Manifests empathy in the relationship with the patient and his family and colleagues		
<b>CURRICULUM CONTENT</b>			
<b>Symbol and no. of</b>	<b>Subject of classes</b>	<b>Implemented</b>	<b>Hours</b>

classes		educational outcomes	
<b>Form of classes: lectures</b>			
<b>Paediatrics – semester 5</b>			
W01	Characteristics of development periods of a child. Special features of the neonatal and infancy period. The most common diseases of the neonatal period.	D02_K_W01	4
W02	Respiratory system diseases in children.	D02_K_W02	4
W03	Digestive system diseases in children.	D02_K_W03	4
W04	Urinary tract diseases in children.	D02_K_W13	4
W05	Cardiovascular system diseases in children.	D02_K_W14	4
	<b>Hours in total</b>		<b>20</b>
<b>Paediatric nursing – semester 5</b>			
W06	The specificity of the anatomy and functioning of individual organs in children.	D02_K_W01 D02_K_W04	10
W07	Definition of an emergency condition in paediatrics and neonatology.	D02_K_W05 D02_K_W06 D02_K_W07 D02_K_W08	5
	<b>Hours in total</b>		<b>15</b>
<b>Paediatrics – semester 6</b>			
W08	Children hematooncology.		3
W09	Metabolic and endocrinological diseases in children.	D02_K_W01 D02_K_W02	3
W10	Childhood infectious diseases. Nervous system diseases in children.	D02_K_W03	3
W11	Musculoskeletal and connective tissue diseases in children.	D02_K_W13	3
W12	Urgent conditions in paediatrics.	D02_K_W14	3
	<b>Hours in total</b>		<b>15</b>
<b>Paediatric nursing – semester 6</b>			
W13	Proceedings in selected emergency conditions in children.	D02_K_W01	5
W14	The most common congenital anomalies occurring in the neonatal period.	D02_K_W09 D02_K_W10	5
W15	Special needs child care.	D02_K_W11 D02_K_W12 D02_K_W15	5
	<b>Hours in total</b>		<b>15</b>
<b>Form of classes: practical classes *</b>			
<b>Semester 5</b>			
C01	Characteristics of development periods of a child. Special features of the neonatal and infancy period. Observation and evaluation of the regularity of child development.	D02_K_U07 D02_K_U09a D02_K_U21	2
C02	Child care in the course of respiratory system diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2

C03	Child care in the course of digestive system diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	1
C04	Child care in the course of urinary tract diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
C05	Child care in the course of cardiovascular system diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
C06	Child care in the course of neoplastic diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	1
<b>Hours in total: practical classes – semester 5</b>			<b>10</b>
<b>Semester 6</b>			
C07	Child care in the course of metabolic and endocrinological diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
C08	Child care in the course of childhood infectious diseases. Organisation of the home environment for a child with an infectious disease.	D02_K_U06 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
C09	Child care in the course of nervous system diseases.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
C10	Child care in the course of musculoskeletal and connective tissue diseases. Instructions how to use the care and rehabilitation equipment and aiding additives	D02_K_U02 D02_K_U09a D02_K_U11 D02_K_U17 D02_K_U19 D02_K_U21	2
C11	Proceedings in emergency situations regarding a child.	D02_K_U02 D02_K_U09a D02_K_U17 D02_K_U19 D02_K_U21	2
<b>Hours in total: practical classes – semester 6</b>			<b>10</b>

<b>Form od classes: classes without the participation of an academic teacher (BNA)</b>			
<b>Semester 5</b>			
BNA01	Diagnostic capabilities and interpretation of basic laboratory test results.	D02_K_W05 D02_K_W07 D02_K_W15	3
BNA02	Basic tests for cellular blood components and haemostasis indicators – standard ranges in children of different age groups.	D02_K_W05 D02_K_W07 D02_K_W15	3
BNA03	Principles for blood sampling and transfusion of blood and blood products.	D02_K_W05 D02_K_W07 D02_K_W15	3
BNA04	Principles for nutrition of healthy and ill children – current guidelines.	D02_K_W06	3
BNA05	The role of a nurse in child nutrition regarding different development stages, infant nutrition: artificial, natural and mixed, small child nutrition, principles for proper child nutrition regarding various stages of development.	D02_K_W06	3
<b>Hours in total: BNA – semester 5</b>		<b>15</b>	
<b>Semester 6</b>			
BNA06	Mandatory and recommended vaccination schedule.	D02_K_W13	3
BNA07	Contraindications for vaccination, side effects, complications – current guidelines. Post-vaccinal reactions.	D02_K_W13	3
BNA08	Allergology – selected diseases and their treatment.	D02_K_W02 D02_K_W03	3
BNA09	Clinical picture of selected congenital diseases.	D02_K_W02 D02_K_W03	2
BNA10	Childhood skin diseases.	D02_K_W02 D02_K_W03	2
BNA11	Immunodeficiency in children.	D02_K_W02 D02_K_W03	2
<b>Hours in total: BNA – semester 6</b>		<b>15</b>	
<b>Form of classes: practical classes *</b>			
<b>Semester 5</b>			
ZP01	Principles for admission of a child to a paediatric hospital ward and for hospital discharge.	---	5
ZP02	Conditions for ensuring the safety of a child staying in a paediatric ward.	D02_K_U11 D02_K_U14	5
ZP03	Care and nursing procedures regarding an ill child.	D02_K_U03 D02_K_U04 D02_K_U14	5
ZP04	Communication with the child and his/her family.	D02_K_U11 D02_K_U14	5
ZP05	Facilitating the adaptation of the child to hospital conditions.	D02_K_U15	5
ZP06	Prevention of anaclitic depression. Care and nursing procedures regarding a child with anaclitic depression.	D02_K_U15	5
ZP07	Nursing and hygienic procedures for infants and older children.	D02_K_U08	10

	<b>Hours in total: practical classes – semester 5</b>	<b>40</b>	
<b>Semester 6</b>			
ZP08	Assessing and analysing psychomotor development of an infant.	D02_K_U07	5
ZP09	Diagnostic and therapeutic procedures.	D02_K_U12	10
ZP10	Preparation of a child for examination. Taking care of a child before and after examination.	D02_K_U09 D02_K_U16	10
ZP11	Administration of medications through different routes.	D02_K_U13 D02_K_U20	10
ZP12	Familiarizing with the specificity of principles for prevention of inward infections in paediatric wards.	D02_K_U05 D02_K_U06	10
ZP13	Planning and implementation of specific nursing care in the following diseases: cardiovascular diseases: heart defects; respiratory system diseases: upper respiratory tract infection, pneumonia, bronchitis, bronchial asthma; u digestive system diseases: diarrhoea, oesophageal and pylorus stenosis, celiac disease, malnutrition, helminthoses; urinary system diseases: urinary tract infections, pyelonephritis, glomerulonephritis, nephritic syndrome; nervous system diseases, epilepsy; metabolic and endocrinological disease: diabetes; neoplastic diseases: leukaemia.	D02_K_U01	50
ZP14	Assessment of the child's health condition based on patient interview and physical examination.	D02_K_U02 D02_K_U05 D02_K_U18	10
ZP15	Analysis of medical records.	D02_K_U10 D02_K_U17	5
ZP16	Taking medical history.	D02_K_U01	5
ZP17	Modification and evaluation of nursing care.	D02_K_U15 D02_K_U18 D02_K_U19	5
	<b>Hours in total: practical classes – semester 6</b>	<b>120</b>	
<b>Form of classes: professional training *</b>			
<b>Semester 5</b>			
PZ01	Admission of a child to a hospital ward.	D02_K_U01 D02_K_U02	10
PZ02	Assessment of psychomotor development of an infants and a small child.	D02_K_U01 D02_K_U02 D02_K_U07	10
PZ03	Nursing procedures in prevention of hospital infections in the paediatric ward.	D02_K_U05 D02_K_U06	10
PZ04	Communication with a hospitalised child and his/her family.	D02_K_U04 D02_K_U11 D02_K_U14	10
PZ05	Facilitating the adaptation to hospital conditions.	D02_K_U04	10
PZ06	Diagnostic and therapeutic procedures. Participation in the diagnosis of childhood diseases.	D02_K_U09 D02_K_U16 D02_K_U17 D02_K_U20	10
PZ07	Collecting information about the hospitalised child in order to make a nursing diagnosis.	D02_K_U13 D02_K_U15	20

		D02_K_U17 D02_K_U18						
	<b>Hours in total: professional training – semester 5</b>	<b>80</b>						
<b>Semester 6</b>								
PZ08	Nursing diagnosis, planning and implementation of nursing care in the following system diseases: cardiovascular system diseases, respiratory system diseases, digestive system diseases, endocrine system diseases, urinary tract diseases, nervous system diseases. Evaluation of nursing care.	D02_K_U03 D02_K_U08 D02_K_U10 D02_K_U15 D02_K_U17 D02_K_U18 D02_K_U19	60					
PZ09	Nursing and hygienic procedures for children.	D02_K_U12 D02_K_U16 D02_K_U17	10					
PZ10	Preparation for hospital discharge.	D02_K_U17	10					
	<b>Hours in total: professional training – semester 6</b>	<b>80</b>						
<b>Correlation of particular types of classes</b>								
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>			
5	W01-W07	C01-C06	BNA01-BNA05	---	---			
	---	---	---	ZP01-ZP07	---			
	---	---	---	---	PZ01-PZ07			
6	W08-W15	C07-C11	BNA06-BNA11	---	---			
	---	---	---	ZP05-ZP17	---			
	Exam from lectures, classes and practical classes. Only after passing the exam the student can proceed to the implementation of the professional practice from the module. Target: OSCE exam.							
	---	---	---	---	PZ08-PZ10			
Note: practical classes may be implemented only after the end of theoretical education, while professional practice - only after the end of practical classes.								
<b>The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes</b>								
<b>Educational outcome code</b>	<b>Forms of classes</b>				<b>Verification methods</b>			
	<b>W+BNA</b>	<b>CW</b>	<b>ZP</b>	<b>PZ</b>	<b>W+BNA</b>	<b>CW</b>	<b>ZP</b>	<b>PZ</b>
D02_K_W01	W01-W15	---	---	---	test	---	---	---
D02_K_W02	W01-W05 W08-W12 BNA08- BNA11	---	---	---	test	---	---	---
D02_K_W03	W01-W05 W08-W12 BNA08- BNA11	---	---	---	test	---	---	---
D02_K_W04	W01-W12	---	---	---	test	---	---	---
D02_K_W05	W06-W07 BNA01- BNA03	---	---	---	test	---	---	---
D02_K_W06	W06-W07	---	---	---	test	---	---	---



	BNA04-BNA05							
D02_K_W07	W06-W07 BNA01-BNA03	---	---	---	test	---	---	---
D02_K_W08	W06-W07	---	---	---	test	---	---	---
D02_K_W09	W13-W15	---	---	---	test	---	---	---
D02_K_W10	W13-W15	---	---	---	test	---	---	---
D02_K_W11	W13-W15	---	---	---	test	---	---	---
D02_K_W12	W13-W15	---	---	---	test	---	---	---
D02_K_W13	W01-W05 W08-W12 BNA06-BNA07	---	---	---	test	---	---	---
D02_K_W14	W01-W05 W08-W12	---	---	---	test	---	---	---
D02_K_W15	W13-W15 BNA01-BNA03	---	---	---	test	---	---	---
D02_K_U01	---	---	ZP13 ZP16	PZ01 PZ02	---	---	nursing process	report
D02_K_U02	---	C02-C11	ZP14	PZ01 PZ02	---	demonstration of skills	nursing process	report
D02_K_U03	---	---	ZP03	PZ08	---	---	nursing process	report
D02_K_U04	---	---	ZP03	PZ04 PZ05	---	---	nursing process	report
D02_K_U05	---	---	ZP12 ZP14	PZ03	---	---	nursing process	report
D02_K_U06	---	---	ZP12	PZ03	---	---	demonstration of skills	report
D02_K_U07	---	C01	ZP08	PZ02	---	demonstration of skills	demonstration of skills	report
D02_K_U08	---	---	ZP07	PZ08	---	---	demonstration of skills	report
D02_K_U09	---	---	ZP10	PZ06	---	---	demonstration of skills	report
D02_K_U09a	---	C02-C11	---	---	---	demonstration of skills	---	---
D02_K_U10	---	---	ZP15	PZ08	---	---	demonstration of skills	report
D02_K_U11	---	C10	ZP02 ZP04	PZ04	---	demonstration of skills	demonstration of skills	report

D02_K_U12	---	---	ZP09	PZ09	---	---	demonstration of skills	report
D02_K_U13	---	---	ZP11	PZ07	---	---	demonstration of skills	report
D02_K_U14	---	---	ZP03 ZP04	PZ04	---	---	demonstration of skills	report
D02_K_U15	---	---	ZP02 ZP05 ZP06 ZP17	PZ07 PZ08	---	---	demonstration of skills	report
D02_K_U16	---	---	ZP10	PZ06 PZ09	---	---	demonstration of skills	report
D02_K_U17	---	C02-C11	ZP15	PZ06 PZ07 PZ08 PZ09 PZ10	---	demonstration of skills	demonstration of skills	report
D02_K_U18	---	---	ZP14 ZP17	PZ07 PZ08	---	---	demonstration of skills	report
D02_K_U19	---	C02-C11	ZP17	PZ08	---	demonstration of skills	demonstration of skills	report
D02_K_U20	---	---	ZP11	PZ06	---	---	demonstration of skills	report
D02_K_U21	---	C02-C11	---	---	---	demonstration of skills	---	---
D02_K_K01	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K02	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K03	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K04	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K05	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K06	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D02_K_K07	all	all	all	all	360° observation	360° observation	360° observation	360° observation

D02_K_K08	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D02_K_K09	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D02_K_K10	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
<b>Teaching methods, method of implementation and evaluation</b>								
<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture.  Crediting lectures: final assessment test for a grade.  Each question is rated from 2.0 to 5.0. The grade for a particular educational outcome is determined as the arithmetic mean of grades obtained for specific test questions and is calculated with an accuracy of two decimal digits.</p>							
<b>Practical classes</b>	<p>Practical classes are mandatory.  They are conducted in small groups. Potential absence should be made up in consultations which should be conducted at the place of the practical classes.  Practical classes are conducted in appropriate laboratories, some of the practical classes conducted in simulated conditions.  Completing the practical classes: for a grade.  Each learning outcome is credited separately; rated from 2.0 to 5.0.  Details of the grade for achieved individual educational outcomes for the module are listed in the final part of the syllabus.</p>							
<b>Practical training classes</b>	<p>Practical training classes conducted after the completion of the practical classes. Practical training classes are conducted in natural conditions, i.e. in medical facilities. Part of the classes should be conducted in simulated conditions. Participation in the practical classes is obligatory.  In practical training classes the educational outcomes regarding skills are implemented, they verify and summarize the skills developed by students during classes conducted in a form of practical classes (including simulated conditions), but also allow practical application of knowledge acquired during lectures and classes without participation of an academic teacher (educational outcomes regarding knowledge). These are therefore summary outcomes. Detailed educational outcomes, implemented by students during practical training classes, are indicated in the "Practical Training Register".  Prepared by the student process of nursing a patient with a selected disease is the result of practical training classes.  At the end of each semester, the student obtains a credit (ZO) based on the analysis of the entries in the "Practical Training Register" (in particular based on analysis, prepared by the practical training tutor, of the student's performance during practical classes, including: student's compliance with the principles for performing the assigned tasks; efficiency of performing these activities, effectiveness of the activities carried out, independence of performance, the method of communication with a patient, attitude towards the patient, members of the therapeutic team and other students).  ATTENTION: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> </ul>							

	<ul style="list-style-type: none"> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<b>Final exam from the module</b>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam from the module.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>If the exam is carried out in accordance with the OSCE procedures, each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<b>Professional training</b>	<p>Professional training (or its second part, if the professional training is done in two semesters) may be done only after the completion of all the preceding forms of classes (lectures, BNA, practical classes, practical training classes). Implemented in the selected healthcare facilities. A nursing report prepared by the student is its result.</p> <p>ATTENTION: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on overall nursing care for a patient with a specific childhood disease in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> <li>• administration of medications through different routes.</li> </ul>

	<ul style="list-style-type: none"> <li>oxygen supply,</li> <li>physiotherapeutic treatment,</li> <li>maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>taking procedures to facilitate excretion,</li> <li>nursing procedures and treatment of the skin and mucous membranes,</li> <li>documentation of nursing activities.</li> </ul>
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Student's workload					
Hours of student's work	Activity form	Hours in detail		Hours in total	
Contact hours with an academic teacher	Participation in lectures	(20+15)+(15+15)		65	
	Participation in practical classes *	10 hours + 10 hours		20*	
	Participation in practical training classes *	40 hours* + 120 hours *		160*	
	Participation in consultations related to classes *	<b>Semester 5</b>		<b>Semester 6</b>	
		W	2	W	2
		CW*	2*	CW*	2*
		BNA	2	BNA	2
ZP*		2*	ZP*	2*	
PZ*	2*	PZ*	2*	8 12*	
Contact hours with a practical training supervisor on the part of the health care provider	Participation in practical training *	1 week + 3 weeks		160*	
Student's individual work	Preparation for practical classes *	20 hours		20*	
	Preparation for practical training classes *	160 hours		160*	
	Individual work related to the subject of BNA classes	30 hours		30	
	Preparation for the assessment test from lectures in semester 5	5 hours		5	
	Preparation for the assessment test from lectures in semester 6	5 hours		5	
	Preparation of the nursing process (based on material collected during practical training classes) *	5 hours		5*	
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)		10 10*	
Total student's workload				<b>670</b>	
Quantity indicators	Workload		Hours	ECTS	
	Student's workload associated with classes that require direct teacher participation		425	12,1	
	Student's workload associated with classes that do not		245	6,9	

	require direct teacher participation			
	* Student's workload associated with practical classes	382	10,8	
	* Student's workload associated with theoretical classes	288	8,2	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Muscari M.: Pediatria i pielęgniarstwo pediatryczne. (Paediatrics and paediatric nursing.), Wydawnictwo „Czelej”, Lublin 2005</li> <li>Luxner K. L., red. wyd. pol. Drózdź-Gessner Z.: Pielęgniarstwo pediatryczne. (Paediatric nursing.), Urban &amp; Partner, Wrocław 2006, wyd. 1.</li> <li>Drózdź-Gessner Z.: Zarys pielęgniarstwa pediatrycznego. (Outline of paediatric nursing.), AM Poznań, Poznań 2006, wyd. 1</li> <li>Pawlaczyk B.: Pielęgniarstwo pediatryczne. (Paediatric nursing.), PZWL 2007.</li> <li>Barczykowska E., R. Ślusarz R., Szewczyk M. T.: Pielęgniarstwo w pediatrii. (Nursing in paediatrics.), Borgis 2006 .</li> <li>Rakowska-Różiewicz D.: Wybrane standardy i procedury w pielęgniarstwie pediatrycznym. (Selected standards and procedures in paediatric nursing.), Wydawnictwo „Czelej”, Lublin 2001.</li> <li>Cepuch G i inn. Modele pielęgnowania dziecka przewlekle chorego: podręcznik dla studiów medycznych. (Chronically ill child nursing models: a handbook for medical studies.), PZWL, Warszawa 2011.</li> <li>Borkowski W.: Opieka pielęgniarska nad noworodkiem. (The nursing care of newborns), Medycyna Praktyczna, Kraków 2007, wyd. 2.</li> <li>Radzikowski A.: Pediatria. Podręcznik dla studentów pielęgniarstwa. (Paediatrics. Coursebook for nursing students.) Medipage, Warszawa 2008, wyd. 1.</li> <li>Lesińska-Sawicka M.: Metoda case-study w pielęgniarstwie. (Case-study method in nursing.), Borgis, Warszawa 2009.3.</li> <li>Obuchowicz A. (red.): Podstawowe zagadnienia opieki pediatrycznej w lecznictwie otwartym. (Basing concepts regarding paediatric nursing in the outpatient medical care.) Śląska Akademia Medyczna, Katowice 2003, wyd. I.</li> </ul>			
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>Obuchowicz A. (red.), Badanie podmiotowe i przedmiotowe w pediatrii (Patient interview and physical examination in paediatrics), Warszawa: PZWL 2007.</li> <li>Muscari M.E., Pediatria i pielęgniarstwo pediatryczne. (Paediatrics and paediatric nursing.), Czelej. Lublin 2005.</li> <li>Dobrzańska A. (red.): Pediatria. (Paediatrics.), Wyd. Lek. PZWL 2003.</li> <li>Górnicki B. (red.), Dębiec B., Baszczyński J., Pediatria. Tom 1-2. (Paediatrics. Vol. 1-2.), Wydawnictwo Lekarskie PZWL. Warszawa 2002.</li> <li>Kubicka K., Kawalec W. (red.): Pediatria. (Paediatrics.), Wyd. Lek. PZWL, Warszawa 2003.</li> <li>M. Hertl, Diagnostyka różnicowa w pediatrii (Differential diagnosis in paediatrics), Warszawa: Wydawnictwo Medyczne 1993.</li> <li>Pawlaczyk B. (red.), Zarys pediatrii. Podręcznik dla studiów medycznych. (Outline of paediatrics. Coursebook for medical studies.), Wydawnictwo Lekarskie PZWL. Warszawa 2006.</li> <li>A. Blak-Kaleta et. al., Praktyczny poradnik dla pielęgniarek (A practical guide for nurses), Warszawa: Wydawnictwo Dashofer 2007.</li> <li>Socha J. (red.): Żywność dzieci zdrowych i chorych. (Nutrition for healthy and ill children.), Wyd. Lek. PZWL, Warszawa 1998.</li> </ul>			
<b>Forms of grades – details</b> (intermediate grades omitted: 3.5 and 4.5).				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D02_K_W01	The student does not name health-threatening symptoms caused by a given disease from the range of childhood diseases, depending on age of a patient	The student names only some of the life-threatening symptoms caused by a given disease from the range of childhood diseases, depending on age of a patient	The student names most of the health-threatening symptoms caused by a given disease from the range of childhood diseases, depending on age of a patient	The student names life-threatening symptoms caused by a given disease from the range of childhood diseases, depending on age of a patient
D02_K_W02	The student does not characterize risk	The student characterizes only	The student characterizes most	The student characterizes risk

	factors and/or health risks for patients with a given disease from the range of childhood diseases, depending on age and health condition	some risk factors and health risks for patients with a given disease from the range of childhood diseases, depending on age and health condition	risk factors and health risks for patients with a given disease from the range of childhood diseases, depending on age and health condition	factors and health risks for patients with a given disease from the range of childhood diseases, depending on age and health condition
D02_K_W03	The student does not explain etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in the system diseases and organ diseases (within the range of childhood diseases)	The student explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in some system diseases and organ diseases (within the range of childhood diseases) imprecisely and omitting important issues	The student explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in some system diseases and organ diseases (within the range of childhood diseases) quite precisely and omitting some details	The student explains in detail etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in the system diseases and organ diseases (within the range of childhood diseases)
D02_K_W04	The student does not know the principles for assessing the condition of a paediatric patient depending on age – in particular diseases within the range of childhood diseases	The student knows some principles for assessing the condition of a paediatric patient depending on age – in particular diseases within the range of childhood diseases	The student knows most principles for assessing the condition of a paediatric patient depending on age – in particular diseases within the range of childhood diseases	The student knows all principles for assessing the condition of a paediatric patient depending on age – in particular diseases within the range of childhood diseases
D02_K_W05	The student does not know the principles for diagnosing in paediatric nursing	The student knows only some principles of diagnosis in paediatric nursing	The student knows most principles of diagnosis in paediatric nursing	The student knows all principles of diagnosis in paediatric nursing
D02_K_W06	The student does not know the principles for planning the patient care depending on age and health condition – in particular diseases within the range of childhood diseases	The student knows only some principles for planning the patient care depending on age and health condition – in particular diseases within the range of childhood diseases	The student knows most principles for planning the patient care depending on age and health condition – in particular diseases within the range of childhood diseases	The student knows all principles for planning the patient care depending on age and health condition – in particular diseases within the range of childhood diseases
D02_K_W07	The student does not know the principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows some principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows most principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows all principles for preparation, care during and after examination, as well as diagnostic procedures regarding paediatric patients of different ages and health condition
D02_K_W08	The student cannot characterize groups of medications and their effect on the patient's systems and organs in various childhood diseases, depending on age	The student characterizes some groups of medications and their effect on the patient's systems and organs in various childhood diseases, depending	The student characterizes most groups of medications and their effect on the patient's systems and organs in various childhood diseases, depending	The student characterizes all groups of medications and their effect on the patient's systems and organs in various childhood diseases, depending on age

	and health condition, including side effects, interaction with other medications and routes of administration	on age and health condition, including side effects, interaction with other medications and routes of administration	on age and health condition, including side effects, interaction with other medications and routes of administration	and health condition, including side effects, interaction with other medications and routes of administration
D02_K_W09	The student cannot characterize nursing techniques and procedures used in paediatric patient care depending on age and health condition	The student characterizes some nursing techniques and procedures used in paediatric patient care depending on age and health condition	The student characterizes most nursing techniques and procedures used in paediatric patient care depending on age and health condition	The student characterizes most nursing techniques and procedures used in paediatric patient care depending on age and health condition
D02_K_W10	The student does not know the principles for preparing a paediatric patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows some principles for preparing a paediatric patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows most principles for preparing a paediatric patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows all principles for preparing a paediatric patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases
D02_K_W11	The student does not differentiate between the paediatric patient's reactions to the disease and hospitalisation, depending on age and health condition – in a particular disease within the range of childhood diseases	The student differentiates between some paediatric patient's reactions to the disease and hospitalisation, depending on age and health condition – in a particular disease within the range of childhood diseases	The student differentiates between most paediatric patient's reactions to the disease and hospitalisation, depending on age and health condition – in a particular disease within the range of childhood diseases	The student differentiates between all paediatric patient's reactions to the disease and hospitalisation, depending on age and health condition – in a particular disease within the range of childhood disease
D02_K_W12	The student does not know the role of a nurse in admission of a paediatric patient to a healthcare facility depending on age and the patient's health condition	The student knows the basic role of a nurse in admission of a paediatric patient to a healthcare facility depending on age and the patient's health condition	The student knows the role of a nurse in admission of a paediatric patient to a healthcare facility depending on age and the patient's health condition	The student knows fully the role of a nurse in admission of a paediatric patient to a healthcare facility depending on age and the patient's health condition
D02_K_W13	The student does not know the specific principles for the specialised paediatric care organisation in Poland	Student knows some specific principles for the specialised paediatric care organisation in Poland	The student knows most principles for the specialised paediatric care organisation in Poland	The student knows the specific principles for the specialised paediatric care organisation
D02_K_W14	The student does not explain pathophysiology and clinical symptoms of developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive	The student explains pathophysiology and clinical symptoms of selected developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive	The student explains pathophysiology and clinical symptoms of most developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive	The student explains pathophysiology and clinical symptoms of developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive system diseases, allergic diseases and



	system diseases, allergic diseases and blood diseases	system diseases, allergic diseases and blood diseases	system diseases, allergic diseases and blood diseases	blood diseases
D02_K_W15	The student does not know types of diagnostic tests used in childhood diseases and/or does not know the principles of ordering them	The student knows some types of diagnostic tests used in childhood diseases and knows very little on the principles of ordering them	The student knows most types of diagnostic tests used in childhood diseases and has basic knowledge on the principles of ordering them	The student knows all types of diagnostic tests used in childhood diseases and knows the principles of ordering them
D02_K_U01	The student cannot collect information, prepares a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of a paediatric patient with a particular disease within the range of childhood diseases	The student can selectively collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of a paediatric patient with a particular disease within the range of childhood diseases	The student in most cases can collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of a paediatric patient with a particular disease within the range of childhood diseases	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in the case of a paediatric patient with a particular disease within the range of childhood diseases
D02_K_U02	The student does not recognize determinants of health preservation for care recipients depending on age and health condition, affected by a particular childhood disease	The student recognizes only a small number of determinants of health preservation for care recipients depending on age and health condition, affected by a particular childhood disease	The student recognizes most determinants of health preservation for care recipients depending on age and health condition, affected by a particular childhood disease	The student recognizes precisely determinants of health preservation for care recipients depending on age and health condition, affected by a particular childhood disease
D02_K_U03	The student does not provide counselling on self-care of patients of different ages and health condition within the range of particular childhood diseases	The student provides counselling on self-care of patients of different ages and health condition within the range of particular childhood diseases to a small degree	The student provides counselling on self-care of patients of different ages and health condition within the range of particular childhood diseases to a large degree	The student provides counselling on self-care of patients of different ages and health condition within the range of particular childhood diseases
D02_K_U04	The student does not motivate the paediatric patient and his/her caretakers to join social support groups	The student motivates the paediatric patient and his/her caretakers to join social support groups to a small degree	The student motivates the paediatric patient and his/her caretakers to join social support groups to a large degree and quite efficiently	The student efficiently motivates the paediatric patient and his/her caretakers to join social support groups
D02_K_U05	The student does not conduct prophylaxis of complications in the course of childhood diseases	The student conducts prophylaxis of complications in the course of childhood diseases to a small degree	The student conducts prophylaxis of complications in the course of childhood diseases to a large degree	The student conducts prophylaxis of complications in the course of childhood diseases
D02_K_U06	The student does not organise isolation of contagious patients	The student can organise isolation of contagious patients	The student can organise isolation of contagious patients in	The student professionally organises isolation of

	in public places and at home	in public places and at home to a small degree	public places and at home to a large degree	contagious patients in public places and at home
D02_K_U07	The student does not assess the child's psychophysical development and/or does not perform screening tests and/or does not detect disorders in development	The student imprecisely assesses the child's psychophysical development, performs only some screening tests, detects some disorders in development	The student assesses at a basic level the child's psychophysical development, performs most screening tests, detects the most important disorders in development	The student assesses in details the child's psychophysical development, performs all screening tests, detects disorders in development
D02_K_U08	The student does not diagnose the degree of risk of developing pressure ulcers and/or does not classify them	The student imprecisely diagnoses the degree of risk of developing pressure ulcers, has problems to classify them correctly	The student diagnoses at a basic level the degree of risk of developing pressure ulcers, classifies them according to some elements of the rating scale	The student professionally diagnoses the degree of risk of developing pressure ulcers and classifies them
D02_K_U09	The student does not take material for diagnostic tests regarding a particular disease within the range of childhood diseases	The student demonstrates poor skills taking material for diagnostic tests regarding a particular disease within the range of childhood diseases	The student demonstrates quite good skills taking material for diagnostic tests regarding a particular disease within the range of childhood diseases	The student correctly takes material for diagnostic tests regarding a particular disease within the range of childhood diseases
D02_K_U09a	The student does not prepare a paediatric patient for diagnostic tests in terms of physical and mental preparation	The student prepares a paediatric patient for diagnostic tests in terms of physical and mental preparation to a small degree	The student prepares a paediatric patient for diagnostic tests in terms of physical and mental preparation to a large degree	The student correctly prepares a paediatric patient for diagnostic tests in terms of physical and mental preparation
D02_K_U10	The student does not document the health situation of a patient with a specific childhood disease, its dynamics of changes and provided nursing care	The student documents to a small degree the health situation of a patient with a specific childhood disease, its dynamics of changes and provided nursing care	The student documents to a large degree the health situation of a patient with a specific childhood disease, its dynamics of changes and provided nursing care	The student documents the health situation of a patient with a specific childhood disease, its dynamics of changes and provided nursing care
D02_K_U11	The student does not instruct the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student to a small degree instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student at a basic level instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student in details instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives
D02_K_U12	The student does not conduct enteral and parenteral nutrition for children using various techniques, including a rotary-	The student has serious problems conducting enteral and parenteral nutrition for children using various techniques, including	The student at a basic level conducts enteral and parenteral nutrition for children using various techniques, including a rotary-	The student conducts enteral and parenteral nutrition for children using various techniques, including a rotary-peristaltic pump

	peristaltic pump	a rotary-peristaltic pump	peristaltic pump	
D02_K_U13	The student does not recognize complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the paediatric patient	The student to a small degree recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the paediatric patient	The student mostly correctly recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the paediatric patient	The student correctly recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the paediatric patient
D02_K_U14	The student does not conduct a therapeutic conversation with the paediatric patient (children, adolescents) and his/her family	The student to a small degree conducts a therapeutic conversation with the paediatric patient (children, adolescents) and his/her family	The student quite professionally conducts a therapeutic conversation with the paediatric patient (children, adolescents) and his/her family	The student professionally conducts a therapeutic conversation with the paediatric patient (children, adolescents) and his/her family
D02_K_U15	The student does not provide information on the paediatric patient's health condition to the members of the therapeutic team	The student to a small degree provides information on the paediatric patient's health condition to the members of the therapeutic team	The student at a basic level provides information on the paediatric patient's health condition to the members of the therapeutic team	The student provides all information on the paediatric patient's health condition to the members of the therapeutic team
D02_K_U16	The student does not assist the physician during diagnostic and medical examination regarding particular childhood diseases	The student to a small degree assists the physician during diagnostic and medical examination regarding particular childhood diseases	The student to a large degree assists the physician during diagnostic and medical examination regarding particular childhood diseases	The student professionally assists the physician during diagnostic and medical examination regarding particular childhood diseases
D02_K_U17	The student does not keep records of patient care for the patient with a childhood disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student to a small degree, with mistakes, keeps records of patient care for the patient with a childhood disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student to a large degree, without serious mistakes, keeps records of patient care for the patient with a childhood disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student professionally keeps records of patient care for the patient with a childhood disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D02_K_U18	The student does not assess the level of pain, the ill child's reaction to pain and increase in pain intensity, does not	The student to a small degree assesses the level of pain, the ill child's reaction to pain and increase in pain	The student at a basic level assesses the level of pain, the ill child's reaction to pain and increase in pain intensity, at a	The student assesses the level of pain, the ill child's reaction to pain and increase in pain intensity, applies analgesic procedures

	apply analgesic procedures	intensity, does not apply analgesic procedures	basic level applies analgesic procedures	
D02_K_U19	The student does not adjust nursing interventions to the type of nursing problems in paediatrics	The student to a small degree adjusts nursing interventions to the type of nursing problems in paediatrics	The student at a basic level adjusts nursing interventions to the type of nursing problems in paediatrics	The student professionally adjusts nursing interventions to the type of nursing problems in paediatrics
D02_K_U20	The student does not prepare and does not administer medications through different routes of administration, independently or on the order of a physician – in childhood diseases	The student imprecisely prepares and does not administer medications through different routes of administration, independently or on the order of a physician – in childhood diseases	The student prepares medications but has some problems administering them through different routes of administration, independently or on the order of a physician – in childhood diseases	The student correctly prepares and administers medications through different routes of administration, independently or on the order of a physician – in childhood diseases
D02_K_U21	The student is not able to recognize indications for specific diagnostic tests regarding particular childhood diseases and/or does not have the skills to issue referrals for specific diagnostic tests	The student to a small degree recognizes indications for specific diagnostic tests regarding particular childhood diseases and/or has poor skills to issue referrals for specific diagnostic tests	The student to a large degree recognizes indications for specific diagnostic tests regarding particular childhood diseases and has quite good skills to issue referrals for specific diagnostic tests	The student recognizes indications for specific diagnostic tests regarding particular childhood diseases and has the skills to issue referrals for specific diagnostic tests
D02_K_K01	The student does not respect the dignity and autonomy of people entrusted to his/her care in paediatric nursing	The student respects partly the dignity and autonomy of people entrusted to his/her care in paediatric nursing	The student respects the dignity and autonomy of people entrusted to his/her care in paediatric nursing	The student respects perfectly the dignity and autonomy of people entrusted to his/her care in paediatric nursing
D02_K_K02	The student does not upgrade professional knowledge and skills regarding childhood diseases and paediatric nursing to aim at professionalism.	The student partly upgrades professional knowledge and skills regarding childhood diseases and paediatric nursing to aim at professionalism.	The student upgrades professional knowledge and skills regarding childhood diseases and paediatric nursing to aim at professionalism.	The student excellently upgrades professional knowledge and skills regarding childhood diseases and paediatric nursing to aim at professionalism.
D02_K_K03	The student does not comply with values, responsibilities and moral skills in patient care associated with a patient with a childhood disease	The student partly complies with values, responsibilities and moral skills in patient care associated with a patient with a childhood disease	The student complies with values, responsibilities and moral skills in patient care associated with a patient with a childhood disease	The student excellently complies with values, responsibilities and moral skills in patient care associated with a patient with a childhood disease
D02_K_K04	The student does not demonstrate moral responsibility for a human and for professional tasks within paediatric nursing	The student demonstrates partial moral responsibility for a human and for professional tasks within paediatric nursing	The student demonstrates moral responsibility for a human and for professional tasks within paediatric nursing	The student demonstrates exemplary moral responsibility for a human and for professional tasks within paediatric

				nursing
D02_K_K05	The student does not respect the paediatric patients' rights	The student partly respects the paediatric patients' rights	The student respects well the paediatric patients' rights	The student respects exemplary the paediatric patients' rights
D02_K_K06	The student unreliably and inaccurately performs professional duties regarding paediatric nursing	The student partly performs professional duties regarding paediatric nursing	The student performs professional duties regarding paediatric nursing	The student reliably and very precisely performs professional duties regarding paediatric nursing
D02_K_K07	The student does not adhere to professional secrecy associated with a paediatric patient	The student partly adheres to professional secrecy associated with a paediatric patient	The student adheres well to professional secrecy associated with a paediatric patient	The student exemplary adheres to professional secrecy associated with a paediatric patient
D02_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in childhood diseases	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in childhood diseases	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in childhood diseases	The student independently and exemplary collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in childhood diseases
D02_K_K09	The student is not open to the development of one's own and patient's subjectivity	The student is partly open to the development of one's own and patient's subjectivity	The student is open to the development of one's own and patient's subjectivity	The student is exemplary open to the development of one's own and patient's subjectivity
D02_K_K10	The student does not demonstrate empathy in the relationship with the paediatric patient, his/her family and colleagues.	The student demonstrates partial empathy in the relationship with the paediatric patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the paediatric patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the paediatric patient, his/her family and colleagues.

## PIE1.D03. Surgery and surgical nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Surgery and surgical nursing	Code	PIE1.D03	ECTS points	17.0	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course / Modular block		Obligatory C. Basics of nursing care science				
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
2	3	20 + 15	10	15	60	80
Form of crediting		ZO	ZO	ZO	ZO	ZO
ECTS		2.5			3,5	2,0
2	4	15+15	10	15	60	---
Form of crediting		ZO	ZO	ZO	ZO	---
ECTS		3,0			3.5	---
2	4	FINAL OSCE EXAM				
2	4	---	---	---	---	80
Form of crediting		---	---	---	---	ZO
ECTS		---			---	2,5
Education area in direction of studies	Medical sciences, health sciences and physical education sciences D. Specialised care sciences					
Field of science	Health Sciences.					
Language of lectures	English					
Prerequisites	Acquiring knowledge from the following subjects: Anatomy, Physiology, Pathology, Psychology, Physical examination.					
Educational goal	<ul style="list-style-type: none"> <li>• Providing students with the basics knowledge within perioperative nursing care and one-day surgery nursing care.</li> <li>• Providing students with the knowledge and skills on recognizing nursing care problems of surgically treated patients, planning and implementing nursing care of surgically treated patients, assessing nursing interventions towards surgically treated patients, prevention of complications after surgery.</li> <li>• Developing skills regarding preparation of the patient for surgery and diagnostic tests.</li> <li>• Acquiring the ability to provide education for the surgically treated patient in selected diseases.</li> <li>• Developing skills regarding communication with the surgically treated patient and his/her family.</li> </ul>					

Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
<b>Educational outcomes regarding knowledge</b>			
D03_K_W01	Names life-threatening symptoms in surgically treated patients, depending on age	D.W1	+++
D03_K_W02	Characterizes risk factors and health risks for surgically treated patients of different ages and health condition	D.W2	+++
D03_K_W03	Knows the principles for diagnosing in surgical nursing	D.W5	+++
D03_K_W04	Knows the principles for planning the patient care depending on age and health condition – in particular surgically treated diseases	D.W6	+++
D03_K_W05	Knows the principles for preparation, care during and after examination, as well as diagnostic procedures regarding surgically treated patients of different ages and health condition	D.W7	+++
D03_K_W06	Characterizes groups of medications and their effect on the patient's systems and organs in various surgically treated diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D03_K_W07	Characterizes nursing techniques and procedures used in surgically treated patient care depending on age and health condition	D.W9	+++
D03_K_W08	Knows the principles for preparing the surgically treated patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	D.W10	+++
D03_K_W09	Knows the role of a nurse in admission of the surgically treated patient to a healthcare facility depending on age and health condition	D.W12	+++
D03_K_W10	Knows the specific principles for organisation of specialised surgical care	D.W14	+++
D03_K_W11	Knows the principles of nutrition of patients, including dietary treatment, pre and post-operative indications	D.W30	+++
D03_K_W12	Characterizes factors that increase perioperative risk	D.W31	+++
D03_K_W13	Knows the principles for preparing the patient for surgery under urgent and planned procedures and in one-day surgery	D.W32	++
D03_K_W14	Knows the directions of observation of the patient after the surgery in order to prevent early and late complications	D.W33	+++
D03_K_W15	Names symptoms, characterizes the course and methods of treatment in specific surgically treated diseases	D.W34	+++
D03_K_W16	Explains the actions of the integrated system of ostomy care and other associations for healthcare	D.W35	+++
D03_K_W17	Characterizes the course and methods of rehabilitation procedures in specific surgically treated diseases	D.W38	+++

D03_K_W18	Knows types of diagnostic tests used in surgically treated diseases and knows the principles of ordering them	D.W52	+++
<b>Educational outcomes regarding skills</b>			
D03_K_U01	Collects information, prepares the nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in the case of the surgically treated patient with a particular disease	D.U1	++
D03_K_U02	Recognizes determinants of health preservation for care recipients depending on age and health condition, affected by a particular surgically treated disease	D.U2	++
D03_K_U03	Provides counselling on self-care of patients of different ages and health condition within the range of particular surgically treated diseases	D.U3	++
D03_K_U04	Motivates the surgically treated patient and his/her caretakers to join social support groups	D.U4	++
D03_K_U05	Conducts prophylaxis of complications in the course of surgically treated diseases	D.U5	++
D03_K_U06	Diagnoses the degree of risk of developing pressure ulcers and classifies them	D.U8	++
D03_K_U07	Takes material for diagnostic tests	D.U9	++
D03_K_U08	Assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications	D.U10	++
D03_K_U09	Prepares the surgically treated patient for diagnostic tests in terms of physical and mental preparation	D.U12	++
D03_K_U10	Documents the health situation of the patient with the specific surgically treated disease, its dynamics of changes and provided nursing care	D.U13	++
D03_K_U11	Extemporaneously immobilizes broken bones, dislocations and sprains and prepares the patient for transport	D.U14	++
D03_K_U12	Instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	D.U18	++
D03_K_U13	Conducts enteral and parenteral nutrition for surgically treated patients using various techniques, including a rotary-peristaltic pump	D.U19	++
D03_K_U14	Recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the surgically treated patient	D.U20	++
D03_K_U15	Looks after the patient with a fistula, endotracheal tube and tracheotomy tube	D.U21	+++
D03_K_U16	Conducts a therapeutic conversation with the surgically treated patient and his/her family	D.U22	++
D03_K_U17	Extemporaneously stops bleeding in the area of the postoperative wound	D.U23	++
D03_K_U18	Conducts the bedside rehabilitation and motorical improvement of the surgically treated patient and activation	D.U24	++
D03_K_U19	Leads, documents and assesses the surgically treated patient's fluid balance	D.U25	++
D03_K_U20	Provides information on the surgically treated patient's health condition to the members of the therapeutic team	D.U26	++
D03_K_U21	Assists the physician during diagnostic and medical examination regarding particular surgically treated	D.U27	++



	diseases		
D03_K_U22	Keeps records of patient care for the surgically treated patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	D.U28	++
D03_K_U23	Assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures	D.U29	++
D03_K_U24	Adjusts nursing interventions to the type of nursing problems regarding the surgically treated patient	D.U32	++
D03_K_U25	Prepares and administers medications through different routes of administration, independently or on the order of a physician – in surgically treated diseases	D.U33	++
D03_K_U26	Recognizes indications for specific diagnostic tests regarding particular surgically treated diseases and has the skills to issue referrals for specific diagnostic tests	D.U34	++
<b>Educational outcomes regarding social competences</b>			
D03_K_K01	Respects the dignity and autonomy of people entrusted to care in surgical nursing	D.K1	++
D03_K_K02	Systematically upgrades professional knowledge and skills in surgery and surgical nursing, develops skills, aims at achieving professionalism	D.K2	++
D03_K_K03	Adheres to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease	D.K3	++
D03_K_K04	Demonstrates moral responsibility for a human and for professional tasks within surgical nursing	D.K4	++
D03_K_K05	Respects the rights of the surgically treated patient	D.K5	++
D03_K_K06	Reliably and precisely performs assigned professional duties within surgical nursing	D.K6	++
D03_K_K07	Adheres to professional secrecy related to the surgically treated patient	D.K7	++
D03_K_K08	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgically treated diseases	D.K8	++
D03_K_K09	Is open to the development of his own and surgically treated patient's subjectivity	D.K9	++
D03_K_K10	Manifests empathy in the relationship with the surgically treated patient and his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the directional educational outcome</b>	<b>Description of the directional educational outcome</b>		
D.W1	Names life-threatening symptoms in patients of all ages		
D.W2	Characterizes risk factors and health risks for patients of different ages and health condition		
D.W5	Knows the principles of diagnosing in internal medicine, geriatric, surgical, paediatric, neurological, psychiatric, anesthesiological, obstetric-gynaecological nursing and palliative care		
D.W6	Knows the principles of planning the patient care depending on age and health condition		
D.W7	Knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition		

D.W8	Characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D.W9	Characterizes nursing techniques and procedures used in patient care depending on age and health condition
D.W10	Knows the principles of preparing the patient for self-care depending on age and health condition
D.W12	Knows the role of a nurse in admission of a patient to a healthcare facility depending on age and the patient's health condition
D.W14	Knows the specific principles of organisation of specialised care (geriatric, intensive, neurological, psychiatric, paediatric, internal medicine, surgical and palliative care and emergency medical service system in Poland)
D.W30	Explains pathophysiology and clinical symptoms of developmental age diseases: respiratory system diseases, cardiovascular system diseases, urinary tract diseases, digestive system diseases, allergic diseases and blood diseases
D.W31	Characterizes factors that increase perioperative risk
D.W32	Knows the principles of preparing the patient for surgery under urgent and planned procedures and in one-day surgery
D.W33	Knows the directions of observation of the patient after the surgery in order to prevent early and late complications
D.W34	Names symptoms, characterizes the course and methods of treatment in specific surgically treated diseases
D.W35	Explains the actions of the integrated system of ostomy care and other associations for healthcare
D.W38	Characterizes the course and methods of rehabilitation procedures in specific diseases
D.W52	Knows types of diagnostic tests and knows the principles of ordering them
D.U1	Collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation
D.U2	Recognizes determinants of health preservation for care recipients depending on age and health condition
D.U3	Provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions
D.U4	Motivates the patient and his/her caretakers to join social support groups
D.U5	Conducts prophylaxis of complications in the course of diseases
D.U8	Diagnoses the degree of risk of developing pressure ulcers and classifies them
D.U9	Takes material for diagnostic tests
D.U10	Assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications
D.U12	Prepares the patient for diagnostic tests in terms of physical and mental preparation
D.U13	Documents the health situation of the patient, its dynamics of changes and provided nursing care
D.U14	Extemporaneously immobilizes broken bones, dislocations and sprains and prepares the patient for transport
D.U18	Instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives
D.U19	Conducts enteral and parenteral nutrition for adults and children using various techniques, including a rotary-peristaltic pump
D.U20	Recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment
D.U21	Looks after the patient with a fistula, endotracheal tube and tracheotomy tube

D.U22	Conducts a therapeutic conversation		
D.U23	Extemporaneously blocks bleeding and haemorrhage		
D.U24	Conducts bedside rehabilitation and patient motorical improvement and activation with the use of occupational therapy elements		
D.U25	Conducts, documents and evaluates the patient's fluid balance		
D.U26	Provides information on the patient's health condition to the members of the interdisciplinary team		
D.U27	Assists a physician during diagnostic and treatment tests		
D.U28	Keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care		
D.U29	Assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures		
D.U32	Adjusts nursing interventions to the type of nursing problems		
D.U33	Prepares and administers medications through different routes of administration, independently or on the order of a physician		
D.U34	Is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests		
D.K1	Respects the dignity and autonomy of people entrusted to care		
D.K2	Systematically develops professional knowledge and skills, aiming at professionalism		
D.K3	Adheres to values, duties and moral skills in care		
D.K4	Shows moral responsibility for a person and performing professional tasks		
D.K5	Respects the patients' rights		
D.K6	Reliably and accurately performs assigned professional duties		
D.K7	Adheres to professional secrecy		
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics		
D.K9	Is open to the development of his own and patient's subjectivity		
D.K10	Manifests empathy in the relationship with the patient and his/her family and colleagues		
<b>CURRICULUM CONTENT</b>			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures</b>			
<b>Surgery – semester 3</b>			
W01	Wounds - types, classification, wound assessment, treatment and care. Prevention of infections in surgery, primary and secondary prevention. Treatment of chronic and difficult-to-treat wounds.	D03_K_W01 D03_K_W02 D03_K_W15	5
W02	Outpatient surgery and one-day surgery.	D03_K_W09 D03_K_W10	5
W03	Basics of traumatic surgery and musculoskeletal surgery.	D03_K_W01 D03_K_W02 D03_K_W15	5
W04	Basics of gastrointestinal surgery.	D03_K_W01 D03_K_W02 D03_K_W15	5

	<b>Hours in total</b>		<b>20</b>
<b>Surgical nursing – semester 3</b>			
W05	Diagnostic tests in surgery, preparation of the patient for diagnostic tests in various surgical diseases and care after the examination.	D03_K_W03 D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17 D03_K_W18	3
W06	Preparation of the patient for surgery under scheduled and urgent procedures as well as in outpatient surgery and one-day surgery. Prevention of postoperative complications (infections, pressure ulcers, thromboembolic complications).	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
W07	Care for the patient in traumatic surgery – bruises, sprains, dislocations, fractures, traumatic amputations, cranio-cerebral injuries, chest drainage, tracheotomy.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_U15 D03_K_W17	3
W08	Care for the patient with burns and frostbites.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
W09	Care for the patient with gastrointestinal system diseases, including the patient with gastrointestinal bleeding and the patient with ostomy.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
	<b>Hours in total</b>		<b>15</b>
<b>Surgery – semester 4</b>			
W10	Basics of thoracic surgery and cardiac surgery.	D03_K_W01 D03_K_W02 D03_K_W15	3
W11	Basics of urology.	D03_K_W01 D03_K_W02 D03_K_W15	3
W12	Basics of vascular and transplant surgery.	D03_K_W01	3

		D03_K_W02 D03_K_W15	
W13	Basics of neurosurgery and endocrine surgery.	D03_K_W01 D03_K_W02 D03_K_W15	3
W14	Basics of oncological and reconstructive surgery.	D03_K_W01 D03_K_W02 D03_K_W15	3
	<b>Hours in total</b>		<b>15</b>
<b>Surgical nursing – semester 4</b>			
W15	Patient nutrition in surgery. Most commonly used diets in surgery	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W11 D03_K_U13 D03_K_W14 D03_K_W17	3
W16	Patient care after cardiac and vascular surgery.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
W17	Patient care after endocrine surgery and after mastectomy.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
W18	Care for the urological patient. Nurse's tasks in looking after the patient prepared for surgery within the genitourinary system.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
W19	Nursing procedures in the patient care after transplantation.	D03_K_W04 D03_K_W05 D03_K_W06 D03_K_W07 D03_K_W08 D03_K_W14 D03_K_W17	3
	<b>Hours in total</b>		<b>15</b>
<b>Form of classes: practical classes *</b>			

<b>Semester 3</b>			
C01	Procedures for dealing with the patient treated in the surgery ward. Administration of medications through different routes. Indications for performing diagnostic tests; issuing referrals for tests.	D03_K_U01 D03_K_U07 D03_K_U09 D03_K_U18 D03_K_U19 D03_K_U25 D03_K_U26	3
C02	Documenting the patient care in surgery.	D03_K_U10 D03_K_U21 D03_K_U22 D03_K_U26	3
C03	Prophylaxis and treatment of pressure ulcers. Modern dressings used in the treatment of chronic wounds and difficult-to-treat wounds.	D03_K_U02 D03_K_U03 D03_K_U06 D03_K_U14 D03_K_U17	4
<b>Hours in total: practical classes – semester 3</b>		<b>10</b>	
<b>Semester 4</b>			
C04	Enteral and parenteral nutrition. The role of a nurse in the nutrition team.	D03_K_W11 D03_K_U10 D03_K_U13 D03_K_U20	3
C05	Pain management in the practice of a surgical nurse	D03_K_U10 D03_K_U14 D03_K_U23 D03_K_U24	4
C06	One-day surgery – nurse's role and tasks. Nurse's tasks in the outpatient surgery.	D03_K_W13 D03_K_U03 D03_K_U07 D03_K_U09	3
<b>Hours in total: practical classes – semester 4</b>		<b>10</b>	
<b>Form od classes: classes without participation of an academic teacher (BNA)</b>			
<b>Semester 3</b>			
BNA01	Principles of asepsis and antisepsis in surgical nursing	C03_K_W12	5
BNA02	Prevention of in-hospital infections in the case of surgically treated patients	C03_K_W12	5
BNA03	Non-standard diets used in surgically treated patients	D03_K_W11	5
<b>Hours in total: BNA – semester 3</b>		<b>15</b>	
<b>Semester 4</b>			
BNA04	Operating principles of the POLTRANSPLANT. Organ donation in Poland and European Union countries. The history of transplantology development	D03_K_W10	5
BNA05	The integrated ostomy care system and other health associations	D03_K_W16	5
BNA06	Types of diagnostic tests used in surgically treated diseases; ordering the tests	D03_K_W18	5
<b>Hours in total: BNA – semester 4</b>		<b>15</b>	

<b>Form of classes: practical classes *</b>			
<b>Semester 3</b>			
ZP01	Admission of the patient's with a surgically treated disease to the ward under urgent and scheduled procedures.	D03_K_W01 D03_K_W10 D03_K_W11 D03_K_W12 D03_K_W13 D03_K_W14 D03_K_U08	10
ZP02	Prophylaxis of infections in the work of the surgical nurse with the specifics of the operating theatre taken into account	D03_K_W14	10
ZP03	Preparing the patient for surgery under urgent and scheduled procedures	D03_K_W10 D03_K_W11 D03_K_U06 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U24	20
ZP04	Patient nursing care after the surgery. Prevention of postoperative complications.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
ZP05	Nursing care for a patient with soft tissue and musculoskeletal system injury	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U11 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
<b>Hours in total: practical classes – semester 3</b>			<b>60</b>
<b>Semester 4</b>			
ZP06	Principles of patient nursing care after surgery within the gastrointestinal system with neoplastic diseases taken into account	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
ZP07	Patient nursing care after transplantation.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12	10

		D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	
ZP08	Perioperative care for the patient after surgery due to endocrine gland diseases.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
ZP09	Principles of nursing care for the patient after surgery within chest and peripheral vascular system.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
ZP10	Nursing care for a patient after surgery due to genitourinary diseases.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
ZP11	Nurse's tasks in looking after the patient with burns and/or frostbites.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
<b>Hours in total: practical classes – semester 4</b>			<b>60</b>
<b>Form of classes: professional training *</b>			
<b>Semester 3</b>			
PZ01	Admission of the patient with a surgically treated disease to the ward under urgent and scheduled procedures.	D03_K_U08	10
PZ02	Prophylaxis of infections in the work of the surgical nurse with the specifics of the operating theatre taken into account.	D03_K_U04 D03_K_U06	10
PZ03	Preparing the patient for surgery under urgent and scheduled procedures	D03_K_U06 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U24	10
PZ04	Patient nursing care after the surgery. Prevention of postoperative	D03_K_U04	25



	complications.	D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	
PZ05	Nursing care for the patient with soft tissue and musculoskeletal system injury	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U11 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	25
<b>Hours in total: professional training – semester 3</b>		<b>80</b>	
<b>Semester 4</b>			
PZ06	Principles of patient nursing care after surgery within the gastrointestinal system with neoplastic diseases taken into account	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	20
PZ07	Patient nursing care after transplantation.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
PZ08	Perioperative care for the patient after surgery due to endocrine gland diseases.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10
PZ09	Principles of nursing care for the patient after surgery within chest and peripheral vascular system.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	20

PZ10	Nursing care for a patient after surgery due to genitourinary diseases.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10					
PZ11	Nurse's tasks in looking after the patient with burns and/or frostbites.	D03_K_U04 D03_K_U06 D03_K_U08 D03_K_U12 D03_K_U15 D03_K_U16 D03_K_U23 D03_K_U24	10					
<b>Hours in total: professional training – semester 4</b>		<b>80</b>						
<b>Correlation of particular types of classes</b>								
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>			
3	W01-W09	C01-C03	BNA01-BNA05	---	---			
	---	---	---	ZP01-ZP05	---			
	---	---	---	---	PZ01-PZ05			
4	W10-W19	C04-C06	BNA06-BNA11	---	---			
	---	---	---	ZP06-ZP11	---			
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module. Target: OSCE exam.				---			
	---	---	---	---	PZ06-PZ11			
Note: practical training classes may be started only after the end of theoretical education, while professional practice - only after the end of practical training classes.								
<b>The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes</b>								
<b>Educational outcome code</b>	<b>Forms of classes</b>				<b>Verification methods</b>			
	<b>W+BNA</b>	<b>CW</b>	<b>ZP</b>	<b>PZ</b>	<b>W+BNA</b>	<b>CW</b>	<b>ZP</b>	<b>PZ</b>
D03_K_W01	W01, W03-W04 W10-W14	---	ZP01	---	test	---	test	---
D03_K_W02	W01, W03-W04 W10-W14	---	---	---	test	---	---	---
D03_K_W03	W05	---	---	---	test	---	---	---
D03_K_W04	W05-W09 W16-W19	---	---	---	test	---	---	---
D03_K_W05	W05-W09 W16-W19	---	---	---	test	---	---	---
D03_K_W06	W05-W09 W16-W19	---	---	---	test	---	---	---

D03_K_W07	W05-W09 W16-W19	---	---	---	test	---	---	---
D03_K_W08	W05-W09 W16-W19	---	---	---	test	---	---	---
D03_K_W09	W02	---	---	---	test	---	---	---
D03_K_W10	W02 BNA04	---	ZP01 ZP03	---	test	---	test	---
D03_K_W11	W15 BNA03	C04	ZP01 ZP03	---	test	demonst ration of skills	test	---
D03_K_W12	BNA01 BNA02	---	ZP01	---	test	---	test	---
D03_K_W13	---	C06	ZP01	---	---	demonst ration of skills	test	---
D03_K_W14	W05-W09 W16-W19	---	ZP01 ZP02	---	test	---	test	---
D03_K_W15	W01-W04 W10-W14	---	---	---	test	---	---	---
D03_K_W16	BNA05	---	---	---	test	---	---	---
D03_K_W17	W05-W09 W16-W19	---	---	---	test	---	---	---
D03_K_W18	W05 BNA06	---	---	---	test	---	---	---
D03_K_U01	---	C01	---	---	---	demonst ration of skills	---	---
D03_K_U02	---	C03	---	---	---	demonst ration of skills	---	---
D03_K_U03	---	C06	---	---	---	demonst ration of skills	---	---
D03_K_U04	---	---	ZP04- ZP11	PZ04- PZ11	---	---	nursing process	report
D03_K_U05	---	C03	---	---	---	demonst ration of skills	---	---
D03_K_U06	---	C03	ZP03- ZP11	PZ03- PZ11	---	demonst ration of skills	demonst ration of skills	report
D03_K_U07	---	C01, C06	---	---	---	demonst ration of skills	---	---
D03_K_U08	---	---	ZP01 ZP04- ZP11	PZ01 PZ04- PZ11	---	---	demonst ration of skills	report
D03_K_U09	---	C01, C06	---	---	---	demonst ration of skills	---	---
D03_K_U10	---	C02,	---	---	---	demonst	---	---

		C04, C05				ration of skills		
D03_K_U11	---	---	ZP05	PZ05	---	---	demonstration of skills	report
D03_K_U12	---	---	ZP03-ZP11	PZ03-PZ11	---	---	demonstration of skills	report
D03_K_U13	W15	C04	---	---	test	demonstration of skills	---	---
D03_K_U14	---	C03, C05	---	---	---	demonstration of skills	---	---
D03_K_U15	W07	---	ZP03-ZP11	PZ03 PZ04 PZ05	test	---	demonstration of skills	report
D03_K_U16	---	---	ZP03-ZP11	PZ03-PZ11	---	---	demonstration of skills	report
D03_K_U17	---	C03	---	---	---	demonstration of skills	---	---
D03_K_U18	---	C01	---	---	---	demonstration of skills	---	---
D03_K_U19	---	C01	---	---	---	demonstration of skills	---	---
D03_K_U20	---	C04	---	---	---	demonstration of skills	---	---
D03_K_U21	---	C02	---	---	---	demonstration of skills	---	---
D03_K_U22	---	C02	---	---	---	demonstration of skills	---	---
D03_K_U23	---	C05	ZP04-ZP11	PZ04-PZ11	---	demonstration of skills	demonstration of skills	report
D03_K_U24	---	C05	ZP03-ZP11	PZ03-PZ11	---	demonstration of skills	demonstration of skills	report
D03_K_U25	---	C01	---	---	---	demonstration of skills	---	---
D03_K_U26	---	C01, C02	---	---	---	demonstration of skills	---	---
D03_K_K01	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D03_K_K02	all	all	all	all	360° observati	360° observat	360° observat	360° observat

					on	ion	ion	ion
D03_K_K03	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K04	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K05	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K06	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K07	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K08	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K09	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
D03_K_K10	all	all	all	all	360° observati on	360° observat ion	360° observat ion	360° observat ion
<b>Teaching methods, method of implementation and evaluation</b>								
<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture.</p> <p>Crediting lectures: final assessment test for a grade.</p> <p>Each question is rated from 2.0 to 5.0. The grade for a particular educational outcome is determined as the arithmetic mean of grades obtained for specific test questions and is calculated with an accuracy of two decimal digits.</p>							
<b>Practical classes</b>	<p>Practical classes are mandatory.</p> <p>They are conducted in small groups. Potential absence should be made up in consultations which should be conducted at the place of the practical classes.</p> <p>Practical classes are conducted in appropriate laboratories, some of the practical classes conducted in simulated conditions.</p> <p>Completing the practical classes: for a grade.</p> <p>Each learning outcome is credited separately; rated from 2.0 to 5.0.</p> <p>Details of the grade for achieved individual educational outcomes for the module are listed in the final part of the syllabus.</p>							
<b>Practical training classes</b>	<p>Practical training classes conducted after the completion of the practical classes. Practical training classes are conducted in natural conditions, i.e. in medical facilities. Part of the classes should be conducted in simulated conditions. Participation in the practical classes is obligatory.</p> <p>In practical training classes the educational outcomes regarding skills are implemented, they verify and summarize the skills developed by students during classes conducted in a form of practical classes (including simulated conditions), but also allow practical application of knowledge acquired during lectures and classes without participation of an academic teacher (educational outcomes regarding knowledge). These are therefore summary outcomes. Detailed educational outcomes, implemented by students during practical training classes, are indicated in the "Practical Training Register".</p> <p>At the end of each semester, the student obtains a credit (ZO) based on the analysis of the entries in the "Practical Training Register" (in particular based on analysis, prepared by the practical training tutor, of the student's performance during practical classes, including: student's compliance with the principles for performing the assigned tasks; efficiency of performing these activities, effectiveness of the activities carried out, independence of performance, the method</p>							

	<p>of communication with a patient, attitude towards the patient, members of the therapeutic team and other students).</p> <p>Prepared by the student process of nursing a patient with a selected disease is the result of practical training classes.</p> <p>ATTENTION: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<p><b>Final exam from the module</b></p>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam from the module.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>If the exam is carried out in accordance with the OSCE procedures, each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<p><b>Professional training</b></p>	<p>Professional training (or its second part, if the professional training is done in two semesters) may be done only after the completion of all the preceding forms of classes (lectures, BNA, practical classes, practical training classes). Implemented in the selected healthcare facilities. A nursing report prepared by the student is its result.</p> <p>ATTENTION: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> </ul>

	<ul style="list-style-type: none"><li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li><li>• determining the scope and nature of patient care;</li><li>• preparing the patient for pro-health behaviours;</li><li>• preparing the patient and his/her family for self-care.</li></ul> <p>NOTE: professional training should focus on overall nursing care for a patient with a specific surgically treated disease in order to develop the following skills:</p> <ul style="list-style-type: none"><li>• workplace arrangement,</li><li>• communication with the patient and his/her family,</li><li>• cooperation with the therapeutic team,</li><li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li><li>• taking material for diagnostic tests,</li><li>• preparing the patient for endoscopic and imaging examination,</li><li>• administration of medications through different routes.</li><li>• oxygen supply,</li><li>• physiotherapeutic treatment,</li><li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li><li>• taking procedures to facilitate excretion,</li><li>• nursing procedures and treatment of the skin and mucous membranes,</li><li>• documentation of nursing activities.</li></ul>
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Student's workload						
Hours of student's work	Activity form	Hours in detail				Hours in total
Contact hours with an academic teacher	Participation in lectures	(20+15)+(15+15)				65
	Participation in practical classes *	10 hours* + 10 hours*				20*
	Participation in practical training classes *	60 hours* + 60 hours*				120*
	Participation in consultations related to classes *	<b>Semester 3</b>		<b>Semester 4</b>		8 12*
		W	2	W	2	
		CW*	2*	CW*	2*	
		BNA	2	BNA	2	
ZP*		2*	ZP*	2*		
PZ*	2*	PZ*	2*			
Contact hours with a practical training supervisor on the part of the health care provider	Participation in practical training *	2 weeks, semester 3 2 weeks, semester 4				160*
Student's individual work	Preparation for practical classes *	10 hours, semester 3 10 hours, semester 4				20*
	Preparation for practical training classes *	60 hours, semester 3 60 hours, semester 4				120*
	Individual work related to the subject of BNA classes	15 hours, semester 3 15 hours, semester 4				30
	Preparation for the assessment test from lectures in semester 3	5 hours				5
	Preparation for the assessment test from lectures in semester 4	5 hours				5
	Preparation of the nursing process (based on material collected during practical training classes) *	5 hours				5*
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)				10 10*
Total student's workload					<b>590</b>	
<b>Quantity indicators</b>	Workload			Hours	ECTS	
	Student's workload associated with classes that require direct teacher participation			385	11,1	
	Student's workload associated with classes that do not require direct teacher participation			205	5,9	
	* Student's workload associated with practical classes			467	13,5	
	* Student's workload associated with theoretical classes			123	3,5	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Walewska E. red. Podstawy pielęgniarstwa chirurgicznego. (Fundamentals of surgical nursing.), PZWL, Warszawa 2012.</li> <li>Ciechaniewicz W.: Pielęgniarstwo. (Nursing.) Ćwiczenia. (Practical classes.) Wyd. Lek.</li> </ul>					



	PZWL, Warszawa 2004. <ul style="list-style-type: none"> <li>• Chrzęszczewska A., Bandażowanie. (Dressing.), Wydawnictwo Lekarskie PZWL. Warszawa 2006.</li> <li>• Dziak A., Rowiński W.: Chirurgia dla pielęgniarek. (Surgery for nurses.), Wyd. Lek. PZWL, Warszawa 1999.</li> <li>• Fibak J. (red.), Chirurgia. (Surgery.), Wydawnictwo Lekarskie PZWL. Warszawa 2002.</li> <li>• Walewska E, Ścisło L. red. Procedury pielęgniarskie w chirurgii. (Nursing procedures in surgery.), PZWL 2013.</li> </ul>			
<b>Supplementar y bibliography</b>	<ul style="list-style-type: none"> <li>• Articles: Termedia. Pielęgniarstwo chirurgiczne i angiologiczne. (Surgical and vascular nursing.),</li> <li>• Koper A. (red) Pielęgniarstwo onkologiczne. Podręcznik dla studiów medycznych. (Oncological nursing. Coursebook for medical studies.), PZWL Warszawa 2011.</li> <li>• Kózka M., Płaszewska-Żywko L.: Procedury pielęgniarskie. (Nursing procedures.), PZWL Warszawa 2011.</li> </ul>			
<b>Forms of grades – details</b> ( <i>intermediate grades omitted: 3.5 and 4.5</i> ).				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D03_K_W01	Does not name life-threatening symptoms in surgically treated patients, depending on age	Names only some life-threatening symptoms in surgically treated patients, depending on age	Names most life-threatening symptoms in surgically treated patients, depending on age	Names all life-threatening symptoms in surgically treated patients, depending on age
D03_K_W02	The student does not characterize risk factors and/or health risks for patients with a given surgically treated disease, depending on age and health condition	The student characterizes only some risk factors and health risks for patients with a given surgically treated disease, depending on age and health condition	The student characterizes most risk factors and health risks for patients with a given surgically treated disease, depending on age and health condition	The student characterizes risk factors and health risks for patients with a given surgically treated disease, depending on age and health condition
D03_K_W03	The student does not know the principles of diagnosing in surgical nursing	The student knows only some principles of diagnosis in surgical nursing	The student knows most principles of diagnosis in surgical nursing	The student knows all principles of diagnosis in surgical nursing
D03_K_W04	The student does not know the principles for planning the patient care depending on age and health condition – in particular surgically treated diseases	The student knows only some principles for planning the patient care depending on age and health condition – in particular surgically treated diseases	The student knows most principles for planning the patient care depending on age and health condition – in particular surgically treated diseases	The student knows all principles for planning the patient care depending on age and health condition – in particular surgically treated diseases
D03_K_W05	The student does not know the principles for preparation, care during and after examination, as well as diagnostic procedures regarding surgically treated patients of different ages and health condition	The student knows some principles for preparation, care during and after examination, diagnostic procedures regarding surgically treated patients of different ages and health condition	The student knows most principles for preparation, care during and after examination, diagnostic procedures regarding surgically treated patients of different ages and health condition	The student knows all principles for preparation, care during and after examination, diagnostic procedures regarding surgically treated patients of different ages and health condition
D03_K_W06	The student cannot characterize groups of medications and their effect on the patient's systems and organs in	The student characterizes some groups of medications and their effect on the patient's systems and organs	The student characterizes most groups of medications and their effect on the patient's systems and organs	The student characterizes all groups of medications and their effect on the patient's systems and organs in various

	various surgically treated diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	in various surgically treated diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	in surgically treated diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	surgically treated diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D03_K_W07	The student cannot characterize nursing techniques and procedures used in surgically treated patient care depending on age and health condition	The student characterizes some nursing techniques and procedures used in surgically treated patient care depending on age and health condition	The student characterizes most nursing techniques and procedures used in surgically treated patient care depending on age and health condition	The student characterizes all nursing techniques and procedures used in surgically treated patient care depending on age and health condition
D03_K_W08	The student does not know the principles for preparing the surgically treated patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows some principles for preparing the surgically treated patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows most principles for preparing the surgically treated patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases	The student knows all principles for preparing the surgically treated patient for self-care depending on age and health condition – in a particular disease within the range of childhood diseases
D03_K_W09	The student does not know the role of a nurse in admission of the surgically treated patient to a healthcare facility depending on age and health condition	The student knows the basic role of a nurse in admission of the surgically treated patient to a healthcare facility depending on age and health condition	The student knows the role of a nurse in admission of the surgically treated patient to a healthcare facility depending on age and health condition	The student thoroughly knows the basic role of a nurse in admission of the surgically treated patient to a healthcare facility depending on age and health condition
D03_K_W10	The student does not know the specific principles for the specialised surgical care organisation in Poland	The student knows some specific principles for the specialised surgical care organisation in Poland	The student knows most specific principles for the specialised surgical care organisation in Poland	The student knows the specific principles for the specialised surgical care organisation
D03_K_W11	The student does not know the principles of nutrition of surgically treated patients, including dietary treatment, pre and post-operative indications	The student knows selected principles of nutrition of surgically treated patients, including dietary treatment, pre and post-operative indications	The student knows most principles of nutrition of surgically treated patients, including dietary treatment, pre and post-operative indications	The student knows all principles of nutrition of surgically treated patients, including dietary treatment, pre and post-operative indications
D03_K_W12	The student does not characterize factors that increase perioperative risk	The student characterizes few factors that increase perioperative risk	The student characterizes most factors that increase perioperative risk	The student characterizes all factors that increase perioperative risk
D03_K_W13	The student does not know the principles of preparing the patient for surgery under urgent and planned procedures and in	The student knows to a small degree the principles of preparing the patient for surgery under urgent and planned procedures and	The student knows at a basic level the principles of preparing the patient for surgery under urgent and planned procedures and in	The student knows all principles of preparing the patient for surgery under urgent and planned procedures and in one-day

	one-day surgery	in one-day surgery	one-day surgery	surgery
D03_K_W14	The student does not know the directions of observation of the patient after the surgery in order to prevent early and late complications	The student knows only some directions of observation of the patient after the surgery in order to prevent early and late complications	The student knows basic directions of observation of the patient after the surgery in order to prevent early and late complications	The student knows all directions of observation of the patient after the surgery in order to prevent early and late complications
D03_K_W15	The student does not name symptoms, does not characterize the course and/or methods of treatment in specific surgically treated diseases	The student imprecisely names some symptoms, imprecisely characterizes the course and methods of treatment in specific surgically treated diseases	The student at a basic level names symptoms, characterizes the course and methods of treatment in specific surgically treated diseases	The student names all symptoms, characterizes the course and methods of treatment in specific surgically treated diseases
D03_K_W16	The student does not explain the actions of the integrated system of ostomy care and other associations for healthcare	The student to a small degree explains the actions of the integrated system of ostomy care and other associations for healthcare	The student to at a basic level explains the actions of the integrated system of ostomy care and other associations for healthcare	The student comprehensively explains the actions of the integrated system of ostomy care and other associations for healthcare
D03_K_W17	The student does not characterize the course and methods of rehabilitation procedures in surgically treated diseases	The student to a small degree, with mistakes, characterizes the course and methods of rehabilitation procedures in surgically treated diseases	The student at a basic level characterizes the course and methods of rehabilitation procedures in surgically treated diseases	The student comprehensively characterizes the course and methods of rehabilitation procedures in surgically treated diseases
D03_K_W18	The student does not know types of diagnostic tests used in surgically treated diseases and does not know the principles of ordering them	The student knows some types of diagnostic tests used in surgically treated diseases and knows little on the principles of ordering them	The student knows most types of diagnostic tests used in surgically treated diseases and has basic knowledge on the principles of ordering them	The student knows all types of diagnostic tests used in surgically treated diseases and knows the principles of ordering them
D03_K_U01	The student cannot collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of the surgically treated patient with a particular surgically treated disease	The student can selectively collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of the surgically treated patient with a particular surgically treated disease	The student in most cases can collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of the surgically treated patient with a particular surgically treated disease	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in the case of the surgically treated patient with a particular surgically treated disease
D03_K_U02	The student cannot recognize determinants of health preservation for care recipients depending on age and health condition,	The student recognizes only a small number of determinants of health preservation for care recipients depending on age	The student recognizes most determinants of health preservation for care recipients depending on age and health condition,	The student recognizes precisely all determinants of health preservation for care recipients depending on age and health condition,

	affected by a particular surgically treated disease	and health condition, affected by a particular surgically treated disease	affected by a particular surgically treated disease	affected by a particular surgically treated disease
D03_K_U03	The student does not provide counselling on self-care of patients of different ages and health condition within the range of particular surgically treated diseases	The student provides counselling on self-care of patients of different ages and health condition within the range of particular surgically treated diseases to a small degree	The student mostly correctly provides counselling on self-care of patients of different ages and health condition within the range of particular surgically treated diseases	The student correctly provides counselling on self-care of patients of different ages and health condition within the range of particular surgically treated diseases
D03_K_U04	The student does not motivate the surgically treated patient and his/her caretakers to join social support groups	The student to a small degree, ineffectively, motivates the surgically treated patient and his/her caretakers to join social support groups	The student to a large degree, quite effectively, motivates the surgically treated patient and his/her caretakers to join social support groups	The student effectively motivates the surgically treated patient and his/her caretakers to join social support groups
D03_K_U05	The student does not conduct prophylaxis of complications in the course of surgically treated diseases	The student to a small degree conducts prophylaxis of complications in the course of surgically treated diseases	The student to a large degree conducts prophylaxis of complications in the course of surgically treated diseases	The student conducts prophylaxis of complications in the course of surgically treated diseases
D03_K_U06	The student does not diagnose the degree of risk of developing pressure ulcers and/or does not classify them	The student imprecisely diagnoses the degree of risk of developing pressure ulcers, has problems to classify them correctly	The student diagnoses at a basic level the degree of risk of developing pressure ulcers, classifies them according to some elements of the rating scale	The student professionally diagnoses the degree of risk of developing pressure ulcers and classifies them
D03_K_U07	The student does not take material for diagnostic tests regarding a particular disease within the range of surgically treated diseases	The student demonstrates poor skills taking material for diagnostic tests regarding a particular disease within the range of surgically treated diseases	The student demonstrates quite good skills taking material for diagnostic tests regarding a particular disease within the range of surgically treated diseases	The student correctly takes material for diagnostic tests regarding a particular disease within the range of surgically treated diseases
D03_K_U08	The student does not assess the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications	The student to a small degree assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications	The student at a basic level assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications	The student comprehensively assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications
D03_K_U09	The student does not prepare the surgically treated patient for diagnostic tests in terms of physical and mental preparation	The student to a small degree prepares the surgically treated patient for diagnostic tests in terms of physical and mental	The student to a large degree prepares the surgically treated patient for diagnostic tests in terms of physical and mental	The student correctly prepares the surgically treated patient for diagnostic tests in terms of physical and mental

		preparation	preparation	preparation
D03_K_U10	The student does not document the health situation of a patient with a specific surgically treated disease, its dynamics of changes and provided nursing care	The student documents to a small degree the health situation of a patient with a specific surgically treated disease, its dynamics of changes and provided nursing care	The student documents to a large degree the health situation of a patient with a specific surgically treated disease, its dynamics of changes and provided nursing care	The student documents the health situation of a patient with a specific surgically treated disease, its dynamics of changes and provided nursing care
D03_K_U11	The student does not extemporaneously immobilize broken bones, dislocations and sprains and/or does not prepare the patient for transport	The student has serious problems to extemporaneously immobilize broken bones, dislocations and sprains and to prepare the patient for transport	The student almost without mistakes extemporaneously immobilizes broken bones, dislocations and sprains and prepares the patient for transport	The student professionally extemporaneously immobilizes broken bones, dislocations and sprains and prepares the patient for transport
D03_K_U12	The student does not instruct the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student to a small degree instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student at a basic level instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	The student in details instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives
D03_K_U13	The student does not conduct enteral and parenteral nutrition for the surgically treated patient using various techniques, including a rotary-peristaltic pump	The student has serious problems conducting enteral and parenteral nutrition for the surgically treated patient using various techniques, including a rotary-peristaltic pump	The student at a basic level conducts enteral and parenteral nutrition for the surgically treated patient using various techniques, including a rotary-peristaltic pump	The student conducts enteral and parenteral nutrition for the surgically treated patient using various techniques, including a rotary-peristaltic pump
D03_K_U14	The student does not recognize complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the surgically treated patient	The student to a small degree recognizes complications of pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the surgically treated patient	The student mostly correctly recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the surgically treated patient	The student correctly recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment in a particular disease regarding the surgically treated patient
D03_K_U15	The student does not look after the patient with a fistula, endotracheal tube and tracheotomy tube	The student to a small degree looks after the patient with a fistula, endotracheal tube and tracheotomy tube	The student at a basic level looks after the patient with a fistula, endotracheal tube and tracheotomy tube	The student professionally looks after the patient with a fistula, endotracheal tube and tracheotomy tube
D03_K_U16	The student does not conduct a therapeutic conversation with the surgically treated	The student to a small degree conducts a therapeutic	The student to a large degree conducts a therapeutic	The student professionally conducts a therapeutic

	patient and his/her family	conversation with the surgically treated patient and his/her family	conversation with the surgically treated patient and his/her family	conversation with the surgically treated patient and his/her family
D03_K_U17	The student does not extemporaneously stop bleeding in the area of the postoperative wound	The student has a problem to extemporaneously stop bleeding in the area of the postoperative wound	The student at a basic level extemporaneously stops bleeding in the area of the postoperative wound	The student professionally extemporaneously stops bleeding in the area of the postoperative wound
D03_K_U18	The student does not carry out the bedside rehabilitation and motorical improvement of the surgically treated patient	The student to a small degree conducts the bedside rehabilitation and motorical improvement of the surgically treated patient	The student at a basic level conducts the bedside rehabilitation and motorical improvement of the surgically treated patient	The student professionally conducts the bedside rehabilitation and motorical improvement of the surgically treated patient
D03_K_U19	The student does not lead, document and/or assess the surgically treated patient's fluid balance	The student to a small degree leads, documents and assesses the surgically treated patient's fluid balance	The student at a basic level leads, documents and assesses the surgically treated patient's fluid balance	The student professionally leads, documents and assesses the surgically treated patient's fluid balance
D03_K_U20	The student does not provide information on the surgically treated patient's health condition to the members of the therapeutic team	The student to a small degree provides information on the surgically treated patient's health condition to the members of the therapeutic team	The student at a basic level provides information on the surgically treated patient's health condition to the members of the therapeutic team	The student provides comprehensive information on the surgically treated patient's health condition to the members of the therapeutic team
D03_K_U21	The student does not assist the physician during diagnostic and medical examination regarding particular surgically treated diseases	The student to a small degree assists the physician during diagnostic and medical examination regarding particular surgically treated diseases	The student to a large degree assists the physician during diagnostic and medical examination regarding particular surgically treated diseases	The student professionally assists the physician during diagnostic and medical examination regarding particular surgically treated diseases
D03_K_U22	The student does not keep records of patient care for the patient with a surgically treated disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student to a small degree, with mistakes, keeps records of patient care for the patient with a surgically treated disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student to a large degree, without serious mistakes, keeps records of patient care for the patient with a surgically treated disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student professionally keeps records of patient care for the patient with a surgically treated disease: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D03_K_U23	The student does not assess the level of pain, the ill child's reaction to pain and	The student to a small degree assesses the level of pain, the ill child's	The student at a basic level assesses the level of pain, the ill child's reaction to	The student professionally assesses the level of pain, the ill child's

	increase in pain intensity, does not apply analgesic procedures	reaction to pain and increase in pain intensity, does not apply analgesic procedures	pain and increase in pain intensity, at a basic level applies analgesic procedures	reaction to pain and increase in pain intensity, applies analgesic procedures
D03_K_U24	The student does not adjust nursing interventions to the type of nursing problems in surgery	The student to a small degree adjusts nursing interventions to the type of nursing problems in surgery	The student at a basic level adjusts nursing interventions to the type of nursing problems in surgery	The student professionally adjusts nursing interventions to the type of nursing problems in surgery
D03_K_U25	The student does not prepare and does not administer medications through different routes of administration, independently or on the order of a physician – in surgically treated diseases	The student imprecisely prepares and does not administer medications through different routes of administration, independently or on the order of a physician – in surgically treated diseases	The student prepares medications but has some problems administering them through different routes of administration, independently or on the order of a physician – in surgically treated diseases	The student correctly prepares and administers medications through different routes of administration, independently or on the order of a physician – in surgically treated diseases
D03_K_U26	The student does not recognize indications for specific diagnostic tests regarding particular surgically treated diseases and/or does not have the skills to issue referrals for specific diagnostic tests	The student to a small degree recognizes indications for specific diagnostic tests regarding particular surgically treated diseases and/or has poor skills to issue referrals for specific diagnostic tests	The student to a large degree recognizes indications for specific diagnostic tests regarding particular surgically treated diseases and has quite good skills to issue referrals for specific diagnostic tests	The student recognizes indications for specific diagnostic tests regarding particular surgically treated diseases and has the skills to issue referrals for specific diagnostic tests
D03_K_K01	The student does not respect the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects partly the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects exemplary the dignity and autonomy of people entrusted to his/her care in surgical nursing
D03_K_K02	The student does not upgrade professional knowledge and skills regarding surgery and surgical nursing to aim at professionalism.	The student partly upgrades professional knowledge and skills regarding surgery and surgical nursing to aim at professionalism.	The student upgrades professional knowledge and skills regarding surgery and surgical nursing to aim at professionalism.	The student exemplary upgrades professional knowledge and skills regarding surgery and surgical nursing to aim at professionalism.
D03_K_K03	The student does not adhere to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease	The student partly adheres to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease	The student adheres to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease	The student exemplary adheres to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease
D03_K_K04	The student does not demonstrate moral responsibility for a human and for professional tasks within surgical	The student demonstrates partial moral responsibility for a human and for professional tasks within surgical	The student demonstrates moral responsibility for a human and for professional tasks within surgical	The student demonstrates exemplary responsibility for a human and for professional tasks

	nursing	nursing	nursing	within surgical nursing
D03_K_K05	The student does respect the rights of the surgically treated patient	The student partly respects the rights of the surgically treated patient	The student respects correctly the rights of the surgically treated patient	The student exemplary respects the rights of the surgically treated patient
D03_K_K06	The student unreliably and inaccurately performs professional duties regarding surgical nursing	The student partly performs professional duties regarding surgical nursing	The student performs professional duties regarding surgical nursing	The student reliably and very precisely performs professional duties regarding surgical nursing
D03_K_K07	The student does not adhere to professional secrecy related to the surgically treated patient	The student partly adheres to professional secrecy related to the surgically treated patient	The student adheres well to professional secrecy related to the surgically treated patient	The student exemplary adheres to professional secrecy related to the surgically treated patient
D03_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgery	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgery	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgery	The student independently and exemplary collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgery
D03_K_K09	The student is not open to the development of his own and surgically treated patient's subjectivity	The student is partly open to the development of his own and surgically treated patient's subjectivity	The student is open to the development of his own and surgically treated patient's subjectivity	The student is exemplary open to the development of his own and surgically treated patient's subjectivity
D03_K_K10	The student does not demonstrate empathy in the relationship with the surgically treated patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the surgically treated patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the surgically treated patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the surgically treated patient, his/her family and colleagues.



## PIE1.D04. Obstetrics, gynaecology and obstetric-gynaecological nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Obstetrics, gynaecology and obstetric-gynaecological nursing	Code	PIE1.D04	ECTS points	8.0	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course / Modular block		Obligatory C. Basics of nursing care science				
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
2	3	20 + 15	10	15	60	80
Form of crediting		ZO	ZO	ZO	ZO	ZO
ECTS		2.5			3,5	2,0
2	4	15+15	10	15	60	---
Form of crediting		ZO	ZO	ZO	ZO	---
ECTS		3,0			3.5	---
2	4	FINAL OSCE EXAM				
2	4	---	---	---	---	80
Form of crediting		---	---	---	---	ZO
ECTS		---			---	2,5
Education area in direction of studies	Medical sciences, health sciences and physical education sciences D. Specialised care sciences					
Field of science	Health Sciences.					
Language of lectures	English					
Prerequisites	Acquiring knowledge from the following subjects: Anatomy, Physiology, Pathology, Psychology, Physical examination. Basic knowledge of the basics of nursing, primary healthcare, professional competences of a nurse.					
Educational goal	<ul style="list-style-type: none"> <li>Improvement of planning and care skills in maternity care in a healthy pregnant woman, a woman giving birth and a woman in puerperium, as well as in a pregnant woman whose health condition is complicated due to obstetric, internist, emotional and mental disorders. Improvement of skills of planning and gynaecological care in a woman with internal, oncological and gynaecological diseases.</li> <li>Preparation of health programmes and organisation of preventive examinations regarding health of a woman and her partner planning pregnancy, a pregnant woman, a woman in puerperium and women/girls with gynaecological and oncological disorders.</li> </ul>					

	<ul style="list-style-type: none"> <li>• Preparation of the student for educational activities within obstetric-gynaecological care over a woman and a child</li> <li>• Preparation of the student to provide obstetric-gynaecological care over a girl/woman regarding: diagnostic tests and care-nursing-medical measures related to gynaecological disorders, gynaecological procedures and operations, gynaecological oncology and care in a condition of terminal illness.</li> <li>• Preparation of the student for gynaecological care over a woman and her family in procreation disorders.</li> <li>• Providing the latest knowledge regarding obstetric-gynaecological care over a woman in different periods of her life</li> <li>• Improvement of skills regarding obstetrics-gynaecological care over a woman and her family</li> <li>• Preparation of the student for obstetric-gynaecological care in the living environment of a woman and her family.</li> <li>• Preparation of the student to perform invasive and non-invasive diagnostic tests in obstetrics and gynaecology and to improve the skills to analyse the obtained test results.</li> <li>• Development of the attitude in accordance with professional ethics.</li> </ul>		
Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
Educational outcomes regarding knowledge			
D04_K_W01	The student lists life threatening symptoms in pregnant women, women in puerperium, and with gynaecological diseases	D.W1	+++
D04_K_W02	The student characterizes the risk factors and health risks for pregnant women, women in puerperium, and with gynaecological diseases	D.W2	+++
D04_K_W03	The student knows the principles of diagnosis in obstetric-gynaecological nursing	D.W5	+++
D04_K_W04	The student knows the principles planning care for pregnant women, women in puerperium, and with gynaecological diseases	D.W6	+++
D04_K_W05	The student knows the principles of preparation, care during and after the tests and diagnostic procedures performed in pregnant women, women in puerperium, and with gynaecological diseases	D.W7	+++
D04_K_W06	The student characterizes groups of medications and their effect on systems and organs of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D04_K_W07	The student characterizes nursing techniques and procedures used in the care of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition	D.W9	+++
D04_K_W08	The student knows the principles of preparing pregnant women, women in puerperium, and with gynaecological diseases for self-care, depending on age and health	D.W10	+++

	condition		
D04_K_W09	The student knows the role of a nurse in the admission of pregnant women, women in puerperium, and with gynaecological diseases to the healthcare facility depending on age and health condition	D.W12	+++
D04_K_W10	The student knows the specific principles of organisation of specialised obstetric-gynaecological care	D.W14	+++
D04_K_W11	The student describes the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants	D.W19	+++
D04_K_W12	The student characterizes the basics of care over premature infants and newborns	D.W20	+++
D04_K_W13	The student explains the purpose and principles of pre-conception care	D.W21	+++
D04_K_W14	The student characterizes the mechanism and physiological birth periods	D.W22	+++
D04_K_W15	The student knows the principles of planning care over a woman in physiological pregnancy and in puerperium	D.W23	+++
D04_K_W16	The student identifies the etiopathogenesis of gynaecological diseases	D.W24	+++
D04_K_W17	The student knows the types of diagnostic tests used in pregnant women, women in puerperium, and with gynaecological diseases and has knowledge related to ordering them	D.W52	+++
<b>Educational outcomes regarding skills</b>			
D04_K_U01	The student collects information, prepares a nursing diagnosis, sets goals and care plan, implements nursing interventions and evaluates care for pregnant women, women in puerperium and women undergoing gynaecological surgery	D.U1	++
D04_K_U02	The student recognizes the determinants of women's health in different periods of life and health condition, including during pregnancy and the postpartum period	D.U2	++
D04_K_U03	The student provides counselling on self-care during pregnancy, postpartum period and after gynaecological surgery	D.U3	++
D04_K_U04	The student motivates the child's parents to join social support groups (in the case of neonatal malformations or perinatal complications)	D.U4	++
D04_K_U05	The student conducts prevention of complications in pregnancy, postpartum period and after gynaecological surgery	D.U5	++
D04_K_U06	The student assesses psychophysical development of a child, performs screening tests, detects developmental disorders;	D.U7	++
D04_K_U07	The student takes material for diagnostic tests	D.U9	++
D04_K_U08	The student documents the health situation of pregnant women, women in puerperium, and with gynaecological diseases, the dynamics of change and provided nursing care	D.U13	++
D04_K_U09	The student recognizes complications of pharmacological therapy in pregnant women, women in puerperium, and with gynaecological diseases	D.U20	++
D04_K_U10	The student conducts a therapeutic conversation with a	D.U22	++

	woman waiting for childbirth or waiting for a gynaecological surgery due to gynaecological diseases		
D04_K_U11	The student provides information on the health condition of a pregnant woman and/or a woman in puerperium and/or a woman with a gynaecological disease to the therapeutic team members	D.U26	++
D04_K_U12	The student assists the physician during diagnostic and therapeutic tests and therapeutic for pregnant women, women in puerperium, and with gynaecological diseases	D.U27	++
D04_K_U13	The student keeps records of care over pregnant women, women in puerperium, and with gynaecological diseases	D.U28	++
D04_K_U14	The student assesses the level of pain, the reaction of pregnant women, women in puerperium, and with gynaecological diseases to pain and pain intensification and applies analgesic procedures	D.U29	++
D04_K_U15	The student adjusts nursing interventions to the kind of nursing care problems occurring in pregnant women, women in puerperium or after gynaecological surgery	D.U32	+++
D04_K_U16	The student prepares and administers medications through different routes of administration, independently or on the order of a physician	D.U33	++
D04_K_U17	The student is able to recognize indications for specific diagnostic tests in pregnant women, women in puerperium or after gynaecological surgery and has the ability to issue referrals for specific diagnostic tests	D.U34	++
<b>Educational outcomes regarding social competences</b>			
D04_K_K01	The student respects the dignity and autonomy of people entrusted to care in surgical nursing	D.K1	++
D04_K_K02	The student systematically upgrades professional knowledge and skills in surgery and surgical nursing, develops skills, aims at achieving professionalism	D.K2	++
D04_K_K03	The student adheres to values, responsibilities and moral skills in patient care associated with a patient with a surgically treated disease	D.K3	++
D04_K_K04	The student demonstrates moral responsibility for a human and for professional tasks within surgical nursing	D.K4	++
D04_K_K05	The student respects the rights of the surgically treated patient	D.K5	++
D04_K_K06	The student reliably and precisely performs assigned professional duties within surgical nursing	D.K6	++
D04_K_K07	The student adheres to professional secrecy related to the surgically treated patient	D.K7	++
D04_K_K08	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in surgically treated diseases	D.K8	++
D04_K_K09	The student is open to the development of his own and surgically treated patient's subjectivity	D.K9	++
D04_K_K10	The student manifests empathy in the relationship with the surgically treated patient and his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the directional educational</b>	<b>Description of the directional educational outcome</b>		

outcome	
D.W1	The student names life-threatening symptoms in patients of all ages
D.W2	The student characterizes risk factors and health risks for patients of different ages and health condition
D.W5	The student knows the principles of diagnosing in internal medicine, geriatric, surgical , paediatric, neurological, psychiatric, anesthesiological, obstetric-gynaecological nursing and palliative care
D.W6	The student knows the principles of planning the patient care depending on age and health condition
D.W7	The student knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition
D.W8	The student characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D.W9	The student characterizes nursing techniques and procedures used in patient care depending on age and health condition
D.W10	The student knows the principles of preparing the patient for self-care depending on age and health condition
D.W12	The student knows the role of a nurse in admission of a patient to a healthcare facility depending on age and the patient's health condition
D.W14	The student knows the specific principles of organisation of specialised care (geriatric, intensive, neurological, psychiatric, paediatric, internal medicine, surgical and palliative care and emergency medical service system in Poland)
D.W19	The student describes the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants
D.W20	The student characterizes the basics of care over premature infants and newborns
D.W21	The student explains the purpose and principles of pre-conception care
D.W22	The student characterizes the mechanism and physiological birth periods
D.W23	The student knows the principles of planning care over a woman in physiological pregnancy and in puerperium
D.W24	The student identifies the etiopathogenesis of gynaecological diseases
D.W52	The student knows types of diagnostic tests and knows the principles of ordering them
D.U1	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation
D.U2	The student recognizes determinants of health preservation for care recipients depending on age and health condition
D.U3	The student provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions
D.U4	The student motivates the patient and his/her caretakers to join social support groups
D.U5	The student conducts prophylaxis of complications in the course of diseases
D.U7	The student assesses psychophysical development of a child, performs screening tests, detects developmental disorders
D.U9	The student takes material for diagnostic tests
D.U13	The student documents the health situation of the patient, its dynamics of changes and provided nursing care
D.U20	The student recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment
D.U22	The student conducts a therapeutic conversation
D.U26	The student provides information on the patient's health condition to the members of the

	interdisciplinary team		
D.U27	The student assists a physician during diagnostic and treatment tests		
D.U28	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care		
D.U29	The student assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures		
D.U32	The student adjusts nursing interventions to the type of nursing problems		
D.U33	The student prepares and administers medications through different routes of administration, independently or on the order of a physician		
D.U34	The student is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests		
D.K1	The student respects the dignity and autonomy of people entrusted to care		
D.K2	The student systematically develops professional knowledge and skills, aiming at professionalism		
D.K3	The student adheres to values, duties and moral skills in care		
D.K4	The student shows moral responsibility for a person and performing professional tasks		
D.K5	The student respects the patients' rights		
D.K6	The student reliably and accurately performs assigned professional duties		
D.K7	The student adheres to professional secrecy		
D.K8	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics		
D.K9	The student is open to the development of his own and patient's subjectivity		
D.K10	The student manifests empathy in the relationship with the patient and his/her family and colleagues		
<b>CURRICULUM CONTENT</b>			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures</b>			
<b>Obstetrics, gynaecology</b>			
W01	Physiology of the female reproductive system. The correct monthly cycle.	D04_K_W02 D04_K_W03	1
W02	Bleeding in adolescents. Menstruation disorders. Birth control.	D04_K_W02 D04_K_W03 D04_K_W06	1
W03	Physiology of pregnancy and labour.	D04_K_W02 D04_K_W03 D04_K_W14 D04_K_W15	1
W04	Pathology of pregnancy and labour – the main pathologies and risks of pregnancy.	D04_K_W01 D04_K_W02 D04_K_W03 D04_K_W06	1
W05	Bleeding, uterine fibroids, cervical, ovarian and endometrial cancer – diagnosis, prevention and treatment.	D04_K_W01 D04_K_W02 D04_K_W03	1

		D04_K_W16	
W06	Breast cancer. Breast self-examination and diagnostic tests.	D04_K_W01 D04_K_W02 D04_K_W03 D04_K_W05 D04_K_W06 D04_K_W17	1
W07	Urinary incontinence in women. Prevention and treatment.	D04_K_W02 D04_K_W03 D04_K_W05 D04_K_W06 D04_K_W16 D04_K_W17	1
W08	Infertility. Assisted reproduction methods.	D04_K_W02 D04_K_W03 D04_K_W06 D04_K_W17	1
W09	Hormone replacement therapy.	D04_K_W02 D04_K_W03 D04_K_W05 D04_K_W06 D04_K_W09 D04_K_W17	1
W10	Sexology – sexual initiation with reference to gynaecological health and the future of the relationship. The concept of sexual health according to WHO and the methods of its prevention by healthcare and medical care professionals.	D04_K_W02 D04_K_W03 D04_K_W05 D04_K_W16	1
	<b>Hours in total</b>		<b>10</b>
<b>Obstetric-gynaecological nursing</b>			
W11	Objectives, tasks and aspects of antenatal care – the role of nurses in the pregnant woman care.	D04_K_W03 D04_K_W04 D04_K_W07 D04_K_W08	1
W12	The role of the antenatal classes in the preparation of the woman and her family to the labour.	D04_K_W03 D04_K_W07 D04_K_W08	1
W13	Obstetric and nursing care in physiological delivery, observation and care of the newborn after delivery.	D04_K_W03 D04_K_W04 D04_K_W07 D04_K_W08 D04_K_W11 D04_K_W12 D04_K_W14 D04_K_W15	1
W14	Nursing care over a woman and a newborn baby in physiological puerperium Nursing care over a woman in a complicated puerperium	D04_K_W03 D04_K_W04 D04_K_W07 D04_K_W08 D04_K_W11	2

		D04_K_W12	
W15	The principles of nursing care for a pregnant woman in selected cases of risk pregnancy.	D04_K_W03 D04_K_W04 D04_K_W07 D04_K_W08 D04_K_W17	1
W16	The specificity of the nursing process in inflammation of the genitals.	D04_K_W03 D04_K_W04 D04_K_W07 D04_K_W08	1
W17	Preparation of the patient for examination and diagnostic and therapeutic procedures in gynaecology. Nursing care after surgery.	D04_K_W03 D04_K_W07 D04_K_W08 D04_K_W17	1
W18	Health problems of women during menopause. Methods of alleviating the discomfort of this period.	D04_K_W03 D04_K_W07 D04_K_W08 D04_K_W17	1
W19	Nurse's tasks in the prevention of gynaecological diseases.	D04_K_W03 D04_K_W07 D04_K_W08 D04_K_W16	1
	<b>Hours in total</b>		<b>10</b>
<b>Form of classes: practical classes *</b>			
<b>Semester 6</b>			
C01	Objectives, tasks and aspects of antenatal care – the role of nurses in the pregnant woman care.	D04_K_W02 D04_K_W04 D04_K_W07 D04_K_W16 all U	1
C02	The role of the antenatal classes in the preparation of the woman and her family to the labour.	D04_K_W02 D04_K_W16 all U	1
C03	Obstetric and nursing care in physiological delivery, observation and care of the newborn after delivery.	D04_K_W02 all U	1
C04	Nursing care over a woman and a newborn baby in physiological puerperium Nursing care over a woman in a complicated puerperium	D04_K_W02 all U	1
C05	The principles of nursing care for a pregnant woman in selected cases of risk pregnancy.	D04_K_W02 D04_K_W04 all U	1
C06	The specificity of the nursing process in inflammation of the genitals.	D04_K_W02 D04_K_W11 D04_K_W12 all U	1
C07	Preparation of the patient for examination and diagnostic and therapeutic procedures in gynaecology. Nursing care after surgery.	D04_K_W02 D04_K_W04 D04_K_W05	1



		D04_K_W07 D04_K_W09 D04_K_W16 D04_K_W17 all U	
C08	Health problems of women during menopause. Methods of alleviating the discomfort of this period.	D04_K_W02 D04_K_W04 D04_K_W05 D04_K_W07 D04_K_W09 D04_K_W16 all U	1
C09	Nurse's tasks in the prevention of gynaecological diseases.	D04_K_W02 D04_K_W13 D04_K_W13 D04_K_W15 D04_K_W16 all U	1
C10	Objectives, tasks and aspects of antenatal care – the role of nurses in the pregnant woman care.	D04_K_W02 all U	1
<b>Hours in total: practical classes</b>		<b>10</b>	
<b>Form od classes: classes without participation of an academic teacher (BNA)</b>			
<b>Semester 6</b>			
BNA01	Health programmes aimed at women	D04_K_W02 D04_K_W10 D04_K_W16	6
BNA02	The existing system of pre and perinatal care	D04_K_W02 D04_K_W04 D04_K_W09 D04_K_W10 D04_K_W11 D04_K_W12 D04_K_W13 D04_K_W14 D04_K_W15	6
BNA03	Birth control methods	D04_K_W06 D04_K_W10 D04_K_W13	6
BNA04	Family planning methods. Naprotechnology.	D04_K_W07 D04_K_W16	4
BNA05	Reproductive organ cancer – methods of treatment and care. Nursing care in non-surgical forms of female genital cancer. Breast cancer. Nursing care for a patient after mastectomy. Breast reconstruction methods.	D04_K_W04	8
<b>Hours in total: BNA</b>		<b>30</b>	
<b>Form of classes: practical classes *</b>			
<b>Semester 6</b>			
ZP01	Familiarizing with the organisation of the gynaecological and obstetric ward and the delivery room	---	10

ZP02	Admission of the patient to the ward – gynaecological, pregnant patient	D04_K_U01 D04_K_U02 D04_K_U07 D04_K_U08 D04_K_U10 D04_K_U12	15
ZP03	The process of patient care depending on the specificity of the ward	D04_K_U01 D04_K_U03 D04_K_U09 D04_K_U10 D04_K_U14 D04_K_U15 D04_K_U16	15
ZP04	Newborn care. The specificity of working in the rooming-in system. Nursing care procedures in the newborn.	D04_K_U06 D04_K_U10 D04_K_U15	15
ZP05	Nursing care procedures in the puerperium period	D04_K_U10	15
ZP06	Keeping applicable records.	D04_K_U08 D04_K_U11 D04_K_U13	10
<b>Hours in total: practical training classes</b>		<b>80</b>	
<b>Form of classes: professional training *</b>			
<b>Semester 6</b>			
PZ01	Organisation of individual work in the obstetric-gynaecological ward.	---	2
PZ02	Implementation of applicable nursing procedure standards in relation to the pregnant woman, a woman in puerperium and a newborn after physiological and pathological delivery and in gynaecological diseases.	D04_K_U01 D04_K_U07 D04_K_U15	3
PZ03	Administration of pharmacological means (regarding side effects and interactions with other medications).	D04_K_U01 D04_K_U07 D04_K_U11 D04_K_U16	3
PZ04	Taking medical history, planning, implementation and assessment of actions taken (nursing process, nursing diagnosis).	D04_K_U01 D04_K_U08 D04_K_U11 D04_K_U15	3
PZ05	Implementation of applicable nursing procedure standards in relation to the pregnant woman, a woman in puerperium and a newborn after physiological and pathological delivery and in gynaecological diseases.	D04_K_U01 D04_K_U07 D04_K_U11 D04_K_U13 D04_K_U14 D04_K_U15	4
PZ06	The principles of care for women after physiological deliveries, complicated or surgical deliveries, taking their health condition into account.	D04_K_U01 D04_K_U07 D04_K_U11 D04_K_U13 D04_K_U14 D04_K_U15	3

PZ07	The principles applicable in the preparation of the patient for diagnostic tests.	D04_K_U01 D04_K_U07 D04_K_U11	2		
PZ08	Establishing and maintaining contact and positive relationship with the pregnant woman and her family at the time of admission to the ward and during hospitalisation.	D04_K_U03 D04_K_U10 D04_K_U11	2		
PZ09	Taking actions aimed at prevention of complications during pregnancy, labour and puerperium.	D04_K_U05 D04_K_U15	2		
PZ10	Admission of the woman in puerperium from the delivery room (assessment of her general and obstetric condition).	D04_K_U06 D04_K_U15	2		
PZ11	Monitoring the course of labour with early diagnosis of disorders and pathologies of the puerperium period.	D04_K_U10 D04_K_U11	2		
PZ12	Implementation of nursing-obstetric care-maternity over woman with complications of the puerperium period: <ul style="list-style-type: none"> <li>• abnormal perineum or post-operative wound healing,</li> <li>• inflammation of the breast glands,</li> <li>• inflammation of the endometrium,</li> <li>• abnormal uterus involution.</li> </ul>	D04_K_U05 D04_K_U15 D04_K_U16	2		
PZ13	Conducting educational activities in the field of: <ul style="list-style-type: none"> <li>• promotion of natural feeding</li> <li>• newborn care</li> <li>• puerperium period care</li> <li>• diet of a pregnant woman and a woman in puerperium</li> <li>• family planning</li> </ul>	D04_K_U03 D04_K_U06 D04_K_U10 D04_K_U15	2		
PZ14	Nursing care over a newborn staying in an incubator.	D04_K_U06 D04_K_U15	2		
PZ15	Supporting a woman in puerperium and her family in activities related to the child.	D04_K_U04 D04_K_U06	2		
PZ16	Preparation of the patient for gynaecological examinations.	D04_K_U02 D04_K_U12 D04_K_U14 D04_K_U15	2		
PZ17	Care for a woman: <ul style="list-style-type: none"> <li>• prepared for the gynaecological scheduled and urgent surgery</li> <li>• after surgery in the regular course and with complications</li> <li>• with other gynaecological diseases (inflammation, infection, cancer)</li> </ul>	D04_K_U02 D04_K_U03 D04_K_U14 D04_K_U15	2		
<b>Hours in total: professional training</b>		<b>40</b>			
<b>Correlation of particular types of classes</b>					
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
6	W01-W19	C01-C10	BNA01-BNA05	---	---
	---	---	---	ZP01-ZP06	---
	---	---	---	---	PZ01-PZ05
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module. Target: OSCE exam.				
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Note: practical training classes may be started only after completion of theoretical education, while professional training – only after completion of practical training classes.

Lecture	Practical classes	BNA	ZP	PZ
W01	---	---	---	---
W02	---	BNA03, BNA04	---	---
W03	C03, C04, C05	BNA02	ZP01, ZP02, ZP03, ZP05, ZP06	PZ01, PZ02, PZ05, PZ06, PZ08, PZ09, PZ10, PZ13, PZ14, PZ15
W04	C01, C02	BNA02	ZP04, ZP05	PZ01, PZ02, PZ05, PZ06, PZ09, PZ11, PZ12, PZ17
W5	C01, C02, C07, C08, C09	BNA01, BNA05	ZP01, ZP02, ZP03, ZP06	PZ06, PZ16, PZ17
W06	C01, C02, C09	BNA01, BNA05	ZP01, ZP02, ZP06	PZ01, PZ02, PZ03, PZ05, PZ06, PZ16, PZ17
W07	C01, C02, C07, C08, C09, C10	BNA01, BNA05	ZP01, ZP02, ZP06	PZ01, PZ02, PZ03, PZ05, PZ06, PZ07, PZ16, PZ17
W8	C01, C02, C09	BNA03	ZP01, ZP02, ZP03, ZP06	PZ03, PZ07, PZ13, PZ16, PZ17
W09	C01, C02, C08, C09	BNA01		PZ03, PZ07
W10	C01, C02, C08, C09	BNA01		PZ03, PZ07
W11	C01, C02, C03, C04, C09	BNA02	ZP01, ZP02, ZP03	PZ02, PZ058, PZ08, PZ09, PZ13
W12	C01, C02, C04, C09	BNA01, BNA02	ZP04, ZP05, ZP06	PZ06, PZ09, PZ13
W13	C01, C02, C06, C09, C10	BNA01, BNA02	ZP01, ZP02, ZP03, ZP04, ZP05, ZP06	PZ02, PZ05, PZ06, PZ10, PZ14
W14	C01, C02, C04, C05, C06, C09, C10	BNA01, BNA02	ZP01, ZP02, ZP03, ZP04, ZP05, ZP06	PZ11, PZ12, PZ13, PZ14
W15	C01, C02, C03, C09	BNA01, BNA02	ZP01, ZP02, ZP03	PZ03, PZ08, PZ09, PZ11, PZ13
W16	C01, C02, C09	BNA01	ZP01, ZP02, ZP03, ZP06	PZ02, PZ07, PZ16
W17	C01, C02, C07, C08	BNA01	ZP02, ZP03, ZP06	PZ07, PZ16
W18	C01, C02, C09	BNA01		PZ07
W19	C01, C02, C09	BNA01	ZP01, ZP02, ZP06	PZ07, PZ16

**The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes**

Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D04_K_W01	W04-W06	---	---	---	test	---	---	---
D04_K_W02	W01-W10 BNA01, BNA02	C01-C10	---	---	test	demonstration of skills	---	---
D04_K_W03	W01-W19	---	---	---	test	---	---	---
D04_K_W04	W11, W13-	C01, C05,	---	---	test	demonstration of	---	---

	W16, BNA02, BNA05	C07, C08				skills		
D04_K_W05	W06-W07 W09-W10 W17	C07, C08	---	---	test	demonst ration of skills	---	---
D04_K_W06	W02, W04, W06-W09	---	---	---	test	---	---	---
D04_K_W07	W11-W19 BNA04	C01, C07-C08	---	---	test	demonst ration of skills	---	---
D04_K_W08	W11-W19 BNA01 BNA02	C01, C05-C09	---	---	test	demonst ration of skills	---	---
D04_K_W09	W09 BNA02	C07-C08	---	---	test	demonst ration of skills	---	---
D04_K_W10	BNA01 BNA02	---	---	---	test	---	---	---
D04_K_W11	W13-W14 BNA02	C06	---	---	test	demonst ration of skills	---	---
D04_K_W12	W13-W14 BNA02	C06	---	---	test	demonst ration of skills	---	---
D04_K_W13	BNA02	C09	---	---	test	demonst ration of skills	---	---
D04_K_W14	W03 W13 BNA02	C09	---	---	test	demonst ration of skills	---	---
D04_K_W15	W03 W13 BNA02	C09	---	---	test	demonst ration of skills	---	---
D04_K_W16	W05, W07, W10, W19 BNA01 BNA04	C01-C02 C07-C09	---	---	test	demonst ration of skills	---	---
D04_K_W17	W06-W09 W15, W17-W18	C07	---	---	test	demonst ration of skills	---	---
D04_K_U01	---	C01-C10	ZP02 ZP03	PZ02 PZ03 PZ04 PZ05 PZ06 PZ07	---	demonst ration of skills	nursing process	report
D04_K_U02	---	C01-C10	ZP02	PZ16 PZ17	---	demonst ration of	demonst ration of	report

						skills	skills	
D04_K_U03	---	C01-C10	ZP03	PZ08 PZ13	---	demonstration of skills	demonstration of skills	report
D04_K_U04	---	C01-C10	---	PZ15	---	demonstration of skills	---	report
D04_K_U05	---	C01-C10	---	PZ09 PZ12	---	demonstration of skills	---	report
D04_K_U06	---	C01-C10	ZP04	PZ10 PZ13 PZ14 PZ15	---	demonstration of skills	demonstration of skills	report
D04_K_U07	---	C01-C10	ZP02	PZ02 PZ03 PZ05 PZ06 PZ07	---	demonstration of skills	demonstration of skills	report
D04_K_U08	---	C01-C10	ZP02 ZP06	PZ04	---	demonstration of skills	demonstration of skills	report
D04_K_U09	---	C01-C10	ZP03	PZ03	---	demonstration of skills	demonstration of skills	report
D04_K_U10	---	C01-C10	ZP02 ZP03 ZP04 ZP05	PZ08 PZ11 PZ13	---	demonstration of skills	demonstration of skills	report
D04_K_U11	---	C01-C10	ZP06	PZ03 PZ04 PZ05 PZ06 PZ07 PZ08 PZ11	---	demonstration of skills	demonstration of skills	report
D04_K_U12	---	C01-C10	ZP02	PZ16	---	demonstration of skills	demonstration of skills	report
D04_K_U13	---	C01-C10	ZP08	PZ05 PZ06	---	demonstration of skills	demonstration of skills	report
D04_K_U14	---	C01-C10	ZP03	PZ05 PZ06 PZ16 PZ17	---	demonstration of skills	demonstration of skills	report
D04_K_U15	---	C01-C10	ZP03	PZ02 PZ04 PZ05 PZ06 PZ09 PZ10	---	demonstration of skills	demonstration of skills	report

				PZ12 PZ13 PZ14 PZ16 PZ17				
D04_K_U16	---	C01-C10	ZP04	PZ03 PZ12	---	demonstration of skills	demonstration of skills	report
D04_K_U17	---	C01-C10	---	---	---	demonstration of skills	---	---
D04_K_K01	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K02	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K03	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K04	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K05	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K06	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K07	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K08	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K09	all	all	all	all	360° observation	360° observation	360° observation	360° observation
D04_K_K10	all	all	all	all	360° observation	360° observation	360° observation	360° observation
<b>Teaching methods, method of implementation and evaluation</b>								
<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture.</p> <p>Crediting lectures: final assessment test for a grade.</p> <p>Each question is rated from 2.0 to 5.0. The grade for a particular educational outcome is determined as the arithmetic mean of grades obtained for specific test questions and is calculated with an accuracy of two decimal digits.</p>							
<b>Practical classes</b>	<p>Practical classes are mandatory.</p> <p>They are conducted in small groups. Potential absence should be made up in consultations which should be conducted at the place of the practical classes.</p> <p>Practical classes are conducted in appropriate laboratories, some of the practical classes conducted in simulated conditions.</p> <p>Completing the practical classes: for a grade.</p>							

	<p>Each learning outcome is credited separately; rated from 2.0 to 5.0.</p> <p>Details of the grade for achieved individual educational outcomes for the module are listed in the final part of the syllabus.</p>
<b>Practical training classes</b>	<p>Practical training classes conducted after the completion of the practical classes. Practical training classes are conducted in natural conditions, i.e. in medical facilities. Part of the classes should be conducted in simulated conditions. Participation in practical training classes is obligatory.</p> <p>In practical training classes the educational outcomes regarding skills are implemented, they verify and summarize the skills developed by students during classes conducted in a form of practical classes (including simulated conditions), but also allow practical application of knowledge acquired during lectures and classes without participation of an academic teacher (educational outcomes regarding knowledge). These are therefore summary outcomes. Detailed educational outcomes, implemented by students during practical training classes, are indicated in the "Practical Training Register".</p> <p>At the end of each semester, the student obtains a credit (ZO) based on the analysis of the entries in the "Practical Training Register" (in particular based on analysis, prepared by the practical training tutor, of the student's performance during practical classes, including: student's compliance with the principles for performing the assigned tasks; efficiency of performing these activities, effectiveness of the activities carried out, independence of performance, the method of communication with a patient, attitude towards the patient, members of the therapeutic team and other students).</p> <p>Prepared by the student process of nursing a patient with a selected disease is the result of practical training classes.</p> <p>NOTE: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<b>Final exam from the module</b>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam from the module.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>If the exam is carried out in accordance with the OSCE procedures, each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<b>Professional training</b>	<p>Professional training (or its second part, if the professional training is done in two semesters) may be done only after the completion of all the preceding forms of classes (lectures, BNA, practical classes, practical training classes). Implemented in the selected healthcare facilities. A</p>



	<p>nursing report prepared by the student is its result.</p> <p>NOTE: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on the overall nursing care of a pregnant woman, a woman in puerperium or a woman after gynaecological surgery in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> <li>• administration of medications through different routes.</li> <li>• oxygen supply,</li> <li>• physiotherapeutic treatment,</li> <li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>• taking procedures to facilitate excretion,</li> <li>• nursing procedures and treatment of the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>
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<b>Student's workload</b>			
Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	20 hours	20
	Participation in practical classes *	10 hours	10*
	Participation in practical training classes *	80 hours	80*
	Participation in consultations related to classes *	12 hours	6 6*

Contact hours with the practical training supervisor on the part of the health care provider	Participation in professional training *	1 week	40*
Student's individual work	Preparation for practical classes *	10 hours	10*
	Preparation for practical training classes *	80 hours	80*
	Individual work related to the subject of BNA classes	30 hours	30
	Preparation for the final test from lectures	5 hours	5
	Preparation of the nursing process (based on material collected during practical training classes) *	5 hours	5*
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)	10 10*
Total student's workload			<b>312</b>
Quantity indicators	Workload	Hours	ECTS
	Student's workload associated with classes that require direct teacher participation	162	4,2
	Student's workload associated with classes that do not require direct teacher participation	150	3,8
	* Student's workload associated with practical classes	241	6,2
	* Student's workload associated with theoretical classes	71	1,8
Basic bibliography	<ul style="list-style-type: none"> <li>Borkowski W., Bacz A., Golańska Ż. Opieka pielęgniarska nad noworodkiem. (Nursing care for a newborn baby.), Medycyna Praktyczna, Kraków 1994</li> <li>Bręborowicz G.H. Ciąża wysokiego ryzyka. (High-risk pregnancy.), Poznań, Ośrodek Wydawnictw Naukowych. Warszawa 2011</li> <li>Bręborowicz G. Położnictwo i Ginekologia. (Obstetrics and Gynecology.), Warszawa, PZWL Warszawa 2011.</li> <li>Cekański A. Wybrane zagadnienia z położnictwa i ginekologii dla położnych. Podręcznik dla położnych. (Selected concepts of obstetrics and gynaecology for midwives. Handbook for midwives.), Śląska Akademia Medyczna, Katowice 1999.</li> <li>Gadzinowski J., Bręborowicz G.H. Program Poprawy Opieki Perinatalnej w Polsce. (Improvement Programme for Perinatal Care in Poland.), Ośrodek Wydawnictw Naukowych, Poznań 1997</li> <li>Łozińska D., Twarowska I. red. Neonatologia. (Neonatology.), Wydawnictwo Lekarskie PZWL, Warszawa 1993</li> <li>Mazurkiewicz B, Dmoch-Gajzlerska E. Opieka położnicza nad pacjentkami niepełnosprawnymi (Obstetric care for disabled patients), PZWL Warszawa 2012</li> <li>Nehring-Gugulska M. Warto karmić piersią. (It is worth to breastfeed.), Optima, Warszawa 1999</li> <li>Oleszczuk J. Rekomendacje postępowania w najczęstszych powikłaniach ciąży i porodu. (Recommendations for procedures in the most common pregnancy and childbirth complications.), BiFolium. Lublin 2002.</li> <li>Opala T. Ginekologia. Podręcznik dla położnych, pielęgniarek i fizjoterapeutów. (Gynaecology. Handbook for midwives, nurses and physiotherapists.), PZWL, Warszawa 2006.</li> <li>Pisarski T. red. Położnictwo i Ginekologia. Podręcznik dla studentów. (Obstetrics and</li> </ul>		

	<p>gynaecology. Handbook for students.), PZWL Warszawa 2002.</p> <ul style="list-style-type: none"> <li>• Sipiński A. red. Opieka w ginekologii (Nursing in gynaecology), Medical Project Bielsko-Biała 2010</li> <li>• Sipiński A. red. Opieka w położnictwie. (Care in obstetrics.), Śląsk Wydawnictwo Naukowe Katowice 2012</li> <li>• Sikorski M. Depresja poporodowa. (Postnatal depression.), W: Chazan B., Leibschang J. Postępowanie w nagłych stanach w położnictwie i ginekologii. (Emergency procedures in obstetrics and gynaecology.), PZWL. Warszawa 2002</li> <li>• Skrzypulec-Plinta V. red. Kobieta niepełnosprawna w praktyce ginekologicznej. (A disabled woman in gynecological practice.), Wydawnictwo SUM Katowice 2013.</li> <li>• Skrzypulec-Plinta V., Radowicki S. red. Wybrane zagadnienia z ginekologii dziecięcej i dziewczęcej. (Selected issues of children's and girls' gynaecology.), Medical Project Poland Sp. z o.o. Bielsko-Biała 2011</li> </ul>			
<b>Supplementar y bibliography</b>	<ul style="list-style-type: none"> <li>• Bałanda A. red. Opieka nad noworodkiem. (Newborn care.), Wydawnictwo Lekarskie PZWL, Warszawa 2009</li> <li>• Bręborowicz, D.W. Standardy postępowania i podejmowania decyzji w ginekologii i położnictwie. (Standards of procedures and decision making in gynaecology and obstetrics.), Publishing Co., Szczecin 2010</li> <li>• Helwich E. red. Wcześnieśniak. (Preterm infant.), Wydawnictwo Lekarskie PZWL, Warszawa 2002</li> <li>• Łepecka-Klusek C. red. Pielęgniarstwo we współczesnym położnictwie i ginekologii., Podręcznik dla studentów pielęgniarstwa studiów licencjackich. (Nursing in contemporary obstetrics and gynaecology. Handbook for nursing undergraduate students.), Wydawnictwo Czelej, Lublin 2010</li> <li>• Niemiec T, Majewski S. Wybrane aspekty zakażenia HIV i AIDS u kobiet i dzieci. (Selected aspects of HIV infection and AIDS in women and children.), 2002.</li> <li>• Niemiec T., Kowalska A., Drews K. i wsp. Profilaktyka zakażeń HIV u kobiet. (Prevention of HIV infection in women.), W: Profilaktyka w położnictwie, ginekologii i neonatologii. (Prevention in obstetrics, gynaecology and neonatology.), Słomko Z., Drews K., Niemiec T. red. Poznań 2005.</li> <li>• Słomko Z. red. Medycyna Perinatalna. t. (Perinatal medicine. vol.), I, II, supl., PZWL, Warszawa</li> <li>• Pączek L., Mucha K., Foroniewicz B. Choroby wewnętrzne. Podręcznik dla studentów pielęgniarstwa i położnictwa. (Internal diseases. Coursebok for nursing and midwifery students.), Warszawa, PZWL</li> <li>• Pilewska-Kozak A. red. Opieka nad wcześniakiem. (Care for a preterm infant.), Wydawnictwo Lekarskie PZWL, Warszawa 2009</li> <li>• Pisarski T. red. Położnictwo i ginekologia. (Obstetrics and gynaecology.), Wyd. Lek. PZWL, Warszawa 1998.</li> <li>• Pschyrembel W., Strauss G., Petri E. red. Ginekologia praktyczna. (Practical gynaecology.), Wydawnictwo Lekarskie PZWL. Warszawa 2004.</li> <li>• Pschyrembel W., Dudenhausen J.W. Położnictwo praktyczne i operacje położnicze. (Practical obstetrics and obstetric surgeries.), Wydawnictwo Lekarskie PZWL. Warszawa 2002.</li> <li>• Cekański J. Pielęgniarstwo w położnictwie i ginekologii (Nursing in obstetrics and gynaecology), PZWL Warszawa 2000</li> <li>• Petryński T. Diagnostyka i terapia wieku menopauzalnego (Diagnosis and therapy of menopausal age), Urban &amp; Partner 2004.</li> </ul>			
<b>Forms of grades – details</b> (intermediate grades omitted: 3.5 and 4.5).				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D04_K_W01	The student does not list life threatening symptoms in pregnant women, women in	The student lists only some life threatening symptoms in pregnant women, women in	The student lists most life threatening symptoms in pregnant women, women in	The student lists all life threatening symptoms in pregnant women, women in puerperium, and with

	puerperium, and with gynaecological diseases	puerperium, and with gynaecological diseases	puerperium, and with gynaecological diseases	gynaecological diseases
D04_K_W02	The student does not characterize the risk factors and health risks for pregnant women, women in puerperium, and with gynaecological diseases	The student characterizes only some risk factors and health risks for pregnant women, women in puerperium, and with gynaecological diseases	The student characterizes most risk factors and health risks for pregnant women, women in puerperium, and with gynaecological diseases	The student characterizes the risk factors and health risks for pregnant women, women in puerperium, and with gynaecological diseases
D04_K_W03	The student does not know the principles of diagnosis in obstetric-gynaecological nursing	The student knows only some principles of diagnosis in obstetric-gynaecological nursing	The student knows most principles of diagnosis in obstetric-gynaecological nursing	The student knows all principles of diagnosis in obstetric-gynaecological nursing
D04_K_W04	The student does not know the principles of planning care for pregnant women, women in puerperium, and with gynaecological diseases	The student knows only some principles of planning care for pregnant women, women in puerperium, and with gynaecological diseases	The student knows most principles of planning care for pregnant women, women in puerperium, and with gynaecological diseases	The student knows all principles of planning care for pregnant women, women in puerperium, and with gynaecological diseases
D04_K_W05	The student does not know the principles of preparation, care during and after examination or diagnostic procedures in pregnant women, women in puerperium, and with gynaecological diseases, of different ages and health condition	The student knows some principles for preparation, care during and after examination, as well as diagnostic procedures in pregnant women, women in puerperium, and with gynaecological diseases, of different ages and health condition	The student knows most principles of preparation, care during and after examination or diagnostic procedures in pregnant women, women in puerperium, and with gynaecological diseases, of different ages and health condition	The student knows all principles of preparation, care during and after the tests and diagnostic procedures performed in pregnant women, women in puerperium, and with gynaecological diseases, of different ages and health condition
D04_K_W06	The student cannot characterize groups of medications and their effect on systems and organs of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student characterizes some groups of medications and their effect on systems and organs of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student characterizes most groups of medications and their effect on systems and organs of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student characterizes all groups of medications and their effect on systems and organs of pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D04_K_W07	The student cannot characterize nursing techniques and procedures used in the care of pregnant	The student characterizes some nursing techniques and procedures used in the care of	The student characterizes most nursing techniques and procedures used in the care of	The student characterizes all nursing techniques and procedures used in the care of

	women, women in puerperium, and with gynaecological diseases, depending on age and health condition	pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition	pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition	pregnant women, women in puerperium, and with gynaecological diseases, depending on age and health condition
D04_K_W08	The student does not know the principles of preparing pregnant women, women in puerperium, and with gynaecological diseases for self-care, depending on age and health condition	The student knows some principles of preparing pregnant women, women in puerperium, and with gynaecological diseases for self-care, depending on age and health condition	The student knows most principles of preparing pregnant women, women in puerperium, and with gynaecological diseases for self-care, depending on age and health condition	The student knows all principles of preparing pregnant women, women in puerperium, and with gynaecological diseases for self-care, depending on age and health condition
D04_K_W09	The student does not know the role of a nurse in the admission of pregnant women, women in puerperium, and with gynaecological diseases to the healthcare facility depending on age and health condition	The student knows the basic role of a nurse in the admission of pregnant women, women in puerperium, and with gynaecological diseases to the healthcare facility depending on age and health condition	The student knows the role of a nurse in the admission of pregnant women, women in puerperium, and with gynaecological diseases to the healthcare facility depending on age and health condition	The student comprehensively knows the role of a nurse in the admission of pregnant women, women in puerperium, and with gynaecological diseases to the healthcare facility depending on age and health condition
D04_K_W10	The student does not know the specific principles of organisation of specialised obstetric-gynaecological care	The student knows some specific principles of organisation of specialised obstetric-gynaecological care	The student knows most specific principles of organisation of specialised obstetric-gynaecological care	The student knows the specific principles of organisation of specialised obstetric-gynaecological care
D04_K_W11	The student does not describe the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants	The student to a small degree, omitting significant details, describes the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants	The student at a basic level, omitting some details, describes the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants	The student describes in detail the pathophysiology and clinical symptoms of diseases and life-threatening conditions in newborns and premature infants
D04_K_W12	The student does not characterize the basics of care over premature infants and newborns	The student characterizes with mistakes the selected basics of care over premature infants and newborns	The student at a basic level characterizes the basics of care over premature infants and newborns	The student characterizes in detail the basics of care over premature infants and newborns
D04_K_W13	The student does not explain the purpose or principles of preconception care	The student explains the purpose or principles of preconception care to a small extent	The student explains the purpose or principles of preconception care in a basic way	The student explains the purpose and principles of preconception care in detail
D04_K_W14	The student does not characterize the mechanism and physiological birth	The student characterizes the mechanism and physiological birth periods to a small	The student characterizes the mechanism and physiological birth periods in a	The student characterizes the mechanism and physiological birth

	periods	extent	basic way	periods in detail
D04_K_W15	The student does not know the principles of planning care over a woman in physiological pregnancy and in puerperium	The student knows selected principles of planning care over a woman in physiological pregnancy and in puerperium	The student knows most principles of planning care over a woman in physiological pregnancy and in puerperium	The student knows all principles of planning care over a woman in physiological pregnancy and in puerperium
D04_K_W16	The student does not identify the etiopathogenesis of gynaecological diseases	The student identifies the etiopathogenesis of selected gynaecological diseases with significant mistakes	The student identifies the etiopathogenesis of selected gynaecological diseases almost without mistakes	The student identifies the etiopathogenesis of gynaecological diseases
D04_K_W17	The student does not know the types of diagnostic tests used in pregnant women, women in puerperium, and with gynaecological diseases and has knowledge related to ordering them	The student knows only some types of diagnostic tests used in pregnant women, women in puerperium, and with gynaecological diseases and has knowledge related to ordering them	The student knows most types of diagnostic tests used in pregnant women, women in puerperium, and with gynaecological diseases and has knowledge related to ordering them	The student knows all types of diagnostic tests used in pregnant women, women in puerperium, and with gynaecological diseases and has knowledge related to ordering them
D04_K_U01	The student cannot collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of pregnant women, women in puerperium, and after gynaecological surgery	The student can selectively collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of pregnant women, women in puerperium, and after gynaecological surgery	The student can mostly correctly collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in the case of pregnant women, women in puerperium, and after gynaecological surgery	The student collects information, prepares a nursing diagnosis, sets goals and care plan, implements nursing interventions and evaluates care for pregnant women, women in puerperium and women undergoing gynaecological surgery
D04_K_U02	The student cannot recognize the determinants of women's health in different periods of life and health condition, including during pregnancy and the postpartum period	The student recognizes only a small amount of determinants of women's health in different periods of life and health condition, including during pregnancy and the postpartum period	The student recognizes most determinants of women's health in different periods of life and health condition, including during pregnancy and the postpartum period	The student precisely recognizes the determinants of women's health in different periods of life and health condition, including during pregnancy and the postpartum period
D04_K_U03	The student does not provide counselling on self-care during pregnancy, postpartum period and after gynaecological surgery	The student provides counselling on self-care during pregnancy, postpartum period and after gynaecological surgery to a small degree	The student provides counselling on self-care during pregnancy, postpartum period and after gynaecological surgery mostly correctly	The student correctly provides counselling on self-care during pregnancy, postpartum period and after gynaecological surgery
D04_K_U04	The student does not motivate the child's parents to join social support groups (in	The student to a small degree, ineffectively, motivates the child's	The student to a large degree, effectively, motivates the child's parents to	The student motivates the child's parents to join social support groups (in the case of

	the case of neonatal malformations or perinatal complications)	parents to join social support groups (in the case of neonatal malformations or perinatal complications)	join social support groups (in the case of neonatal malformations or perinatal complications)	neonatal malformations or perinatal complications)
D04_K_U05	The student does not conduct prevention of complications in pregnancy, postpartum period and after gynaecological surgery	The student conducts prevention of complications in pregnancy, postpartum period and after gynaecological surgery to a small degree	The student conducts prevention of complications in pregnancy, postpartum period and after gynaecological surgery to a large degree	The student conducts prevention of complications in pregnancy, postpartum period and after gynaecological surgery
D04_K_U06	The student does not assess the child's psychophysical development, does not perform screening tests, does not detect disorders in development	The student to a small degree assesses the child's psychophysical development, performs some screening tests, to a small degree detects disorders in development	The student at a basic level assesses psychophysical development of a child, performs screening tests, detects developmental disorders	The student professionally assesses psychophysical development of a child, performs screening tests, detects developmental disorders;
D04_K_U07	The student does not take material for diagnostic tests	The student shows poor skills in collecting material for diagnostic tests	The student shows fairly good skills in collecting material for diagnostic tests	The student properly takes material for diagnostic tests
D04_K_U08	The student does not document the health situation of pregnant women, women in puerperium, and with gynaecological diseases, the dynamics of change and provided nursing care	The student to a small extent documents the health situation of pregnant women, women in puerperium, and with gynaecological diseases, the dynamics of change and provided nursing care	The student to a large extent documents the health situation of pregnant women, women in puerperium, and with gynaecological diseases, the dynamics of change and provided nursing care	The student documents the health situation of pregnant women, women in puerperium, and with gynaecological diseases, the dynamics of change and provided nursing care
D04_K_U09	The student does not recognize complications of pharmacological and dietetic therapy in pregnant women, women in puerperium, and with gynaecological diseases	The student to a small extent recognizes complications of pharmacological therapy in pregnant women, women in puerperium, and with gynaecological diseases	The student mostly correctly recognizes complications of pharmacological therapy in pregnant women, women in puerperium, and with gynaecological diseases	The student recognizes complications of pharmacological therapy in pregnant women, women in puerperium, and with gynaecological diseases
D04_K_U10	The student does not conduct a therapeutic conversation with a woman waiting for childbirth or waiting for a gynaecological surgery due to gynaecological diseases	The student to a small extent conducts a therapeutic conversation with a woman waiting for childbirth or waiting for a gynaecological surgery due to gynaecological diseases	The student to a large extent conducts a therapeutic conversation with a woman waiting for childbirth or waiting for a gynaecological surgery due to gynaecological diseases	The student professionally conducts a therapeutic conversation with a woman waiting for childbirth or waiting for a gynaecological surgery due to gynaecological diseases
D04_K_U11	The student does not provide information on the health	The student to a small degree provides information	The student at a basic level provides information on the	The student provides information on the health condition of a

	condition of a pregnant woman and/or a woman in puerperium and/or a woman with a gynaecological disease to the therapeutic team members	on the health condition of a pregnant woman and/or a woman in puerperium and/or a woman with a gynaecological disease to the therapeutic team members	health condition of a pregnant woman and/or a woman in puerperium and/or a woman with a gynaecological disease to the therapeutic team members	pregnant woman and/or a woman in puerperium and/or a woman with a gynaecological disease to the therapeutic team members
D04_K_U12	The student does not assist the physician during diagnostic and therapeutic tests for pregnant women, women in puerperium, and with gynaecological diseases	The student to a small degree assists the physician during diagnostic and therapeutic tests for pregnant women, women in puerperium, and with gynaecological diseases	The student to a large degree assists the physician during diagnostic and therapeutic tests for pregnant women, women in puerperium, and with gynaecological diseases	The student assists the physician during diagnostic and therapeutic tests for pregnant women, women in puerperium, and with gynaecological diseases
D04_K_U13	The student does not keep records of care over pregnant women, women in puerperium, and with gynaecological diseases	The student to a small degree keeps records of care over pregnant women, women in puerperium, and with gynaecological diseases	The student at a basic level keeps records of care over pregnant women, women in puerperium, and with gynaecological diseases	The student keeps records of care over pregnant women, women in puerperium, and with gynaecological diseases
D04_K_U14	The student does not assess the level of pain, the reaction of pregnant women, women in puerperium, and with gynaecological diseases to pain and pain intensification and applies analgesic procedures	The student to a small degree, with mistakes, assesses the level of pain, the reaction of pregnant women, women in puerperium, and with gynaecological diseases to pain and pain intensification and applies analgesic procedures	The student at a basic level, almost without mistakes, assesses the level of pain, the reaction of pregnant women, women in puerperium, and with gynaecological diseases to pain and pain intensification and applies analgesic procedures	The student assesses the level of pain, the reaction of pregnant women, women in puerperium, and with gynaecological diseases to pain and pain intensification and applies analgesic procedures
D04_K_U15	The student does not adjust nursing interventions to the kind of nursing care problems occurring in pregnant women, women in puerperium or after gynaecological surgery	The student to a small degree adjusts nursing interventions to the kind of nursing care problems occurring in pregnant women, women in puerperium or after gynaecological surgery	The student at a basic level adjusts nursing interventions to the kind of nursing care problems occurring in pregnant women, women in puerperium or after gynaecological surgery	The student adjusts nursing interventions to the kind of nursing care problems occurring in pregnant women, women in puerperium or after gynaecological surgery
D04_K_U16	The student does not prepare and does not administer medications through different routes of administration, independently or on the order of a physician	The student imprecisely prepares and does not administer medications through different routes of administration, independently or on the order of a physician	The student prepares medications but has some problems administering them through different routes of administration, independently or on the order of a physician	The student correctly prepares and administers medications through different routes of administration, independently or on the order of a physician
D04_K_U17	The student is not able to recognize	The student to a small degree is able	The student to a large degree is able	The student is able to recognize indications



	indications for specific diagnostic tests in pregnant women, women in puerperium or after gynaecological surgery and/or does not have the ability to issue referrals for specific diagnostic tests	to recognize indications for specific diagnostic tests in pregnant women, women in puerperium or after gynaecological surgery and/or has poor ability to issue referrals for specific diagnostic tests	to recognize indications for specific diagnostic tests in pregnant women, women in puerperium or after gynaecological surgery and has quite good ability to issue referrals for specific diagnostic tests	for specific diagnostic tests in pregnant women, women in puerperium or after gynaecological surgery and has the ability to issue referrals for specific diagnostic tests
D04_K_K01	The student does not respect the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects partly the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects the dignity and autonomy of people entrusted to his/her care in surgical nursing	The student respects exemplary the dignity and autonomy of people entrusted to his/her care in surgical nursing
D04_K_K02	The student does not upgrade professional knowledge and skills in obstetrics, gynaecology and obstetric-gynaecological nursing to aim at professionalism.	The student partly upgrades professional knowledge and skills in obstetrics, gynaecology and obstetric-gynaecological nursing to aim at professionalism.	The student upgrades professional knowledge and skills in obstetrics, gynaecology and obstetric-gynaecological nursing to aim at professionalism.	The student significantly upgrades professional knowledge and skills in obstetrics, gynaecology and obstetric-gynaecological nursing to aim at professionalism.
D04_K_K03	The student does not adhere to values, duties and moral efficiency in patient healthcare.	The student partly adheres to values, duties and moral efficiency in patient healthcare	The student adheres to values, duties and moral efficiency in patient healthcare	The student significantly adheres to values, duties and moral efficiency in patient healthcare.
D04_K_K04	The student does not demonstrate moral responsibility for a human and for professional tasks within obstetric-gynaecological nursing	The student demonstrates partial moral responsibility for a human and for professional tasks within obstetric-gynaecological nursing	The student demonstrates moral responsibility for a human and for professional tasks within obstetric-gynaecological nursing	The student demonstrates significant moral responsibility for a human and for professional tasks within obstetric-gynaecological nursing
D04_K_K05	The student does not respect the patient's rights	The student partly respects the patients' rights	The student respects well the patients' rights	The student respects exemplary the patients' rights
D04_K_K06	The student unreliably and inaccurately performs professional duties regarding obstetric-gynaecological nursing	The student partly performs professional duties regarding obstetric-gynaecological nursing	The student performs professional duties regarding obstetric-gynaecological nursing	The student reliably and very accurately performs professional duties regarding obstetric-gynaecological nursing
D04_K_K07	The student does not adhere to professional secrecy related to the obstetric-gynaecological patient	The student partly adheres to professional secrecy associated with the obstetric-gynaecological patient	The student adheres well to professional secrecy related to the obstetric-gynaecological patient	The student significantly adheres to professional secrecy related to the obstetric-gynaecological patient
D04_K_K08	The student does not collaborate as part of an interdisciplinary	The student partly collaborates as part of an interdisciplinary	The student independently collaborates as part	The student independently and significantly

	team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in obstetrics and gynaecology	team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in obstetrics and gynaecology	of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in obstetrics and gynaecology	collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics – in obstetrics and gynaecology
D04_K_K09	The student is not open to the development of their own and patient's subjectivity	The student is partly open to the development of one's own and patient's subjectivity	The student is open to the development of their own and patient's subjectivity	The student is significantly open to the development of their own and patient's subjectivity
D04_K_K10	The student does not demonstrate empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates partial empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the patient, his/her family and colleagues.

## PIE1.D05. Psychiatry and psychiatric nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Psychiatry and psychiatric nursing	Code	PIE1.D05	ECTS points	9	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12 <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course/ Modular block			Obligatory D. Specialized nursing care			
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
4	7	10 + 10	10	30	---	---
Form of crediting		ZO	ZO	ZO	---	---
ECTS		2,5			---	---
4	7	---	---	---	80	---
Form of crediting		---	---	---	ZO	---
ECTS		---	---	---	4,5	---
4	7	Final OSCE exam				
4	7	---	---	---	---	40
Form of crediting		---	---	---	---	ZO
ECTS		---			---	2,0
Education area in direction of studies	Medical sciences, health sciences and physical education sciences					
Field of science	Health Sciences					
Language of lectures	English					
Prerequisites	Knowledge of the following subjects: C01. Basics in nursing B01. Psychology					
Educational goals	<ul style="list-style-type: none"> <li>Providing students with knowledge about nursing in relation to mentally ill people.</li> <li>Developing the ability to work with a patient with mental disorders, residing in a psychiatric ward or in health care facilities with a psychiatric profile.</li> </ul>					
Symbol of the course educational	Description of the course educational outcome			Reference to the directional	Correspondence level between the	

outcome		educational outcome	course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
<b>Educational outcomes regarding knowledge</b>			
D05_K_W01	Knows the diagnostic principles in psychiatric nursing	D.W5	+++
D05_K_W02	Knows the principles of care planning for patients depending on their age and health condition	D.W6	+++
D05_K_W03	Characterizes groups of medications and their effect on patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D05_K_W04	Characterizes nursing techniques and procedures, patient care used in patients with mental disorders depending on age and health condition	D.W9	+++
D05_K_W05	Knows the principles of preparing a patient for self-care, depending on age and health condition	D.W10	+++
D05_K_W06	Differentiates a mentally disordered patient's reaction to disease and hospitalization depending on age and health condition	D.W11	+++
D05_K_W07	Knows the role of a nurse when admitting a patient to the psychiatric ward or the healthcare facility with a psychiatric profile depending on age and health condition	D.W12	+++
D05_K_W08	Knows specific principles of organising specialised psychiatric care	D.W14	+++
D05_K_W09	Knows methods, techniques and tools for assessing the state of awareness and consciousness of a patient with mental disorders	D.W26	+++
D05_K_W10	Knows the etiopathogenesis and clinical symptoms of basic mental disorders	D.W27	+++
D05_K_W11	Knows binding principles regarding direct coercion of people with mental disorders	D.W28	+++
D05_K_W12	Knows types of diagnostic tests used on people with mental disorders and has knowledge of ordering them	D.W52	+++
D05_K_W13	Knows basic principles of psychotherapy used in rehabilitation of patients with mental disorders	D.W37	+++
<b>Educational outcomes regarding skills</b>			
D05_K_U01	Collects information, prepares nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and evaluates care of a patient with mental disorders (nursing process)	D.U1	+++
D05_K_U02	Recognizes conditions of maintaining mental health of care recipients of different ages and health condition	D.U2	+++
D05_K_U03	Conducts counselling in terms of self-care of patients with mental disorders of different ages and health condition	D.U3	+++
D05_K_U04	Motivates the patient with mental disorders and the patient's caretakers to join social support groups	D.U4	+++

D05_K_U05	Conducts complication prevention in the course of mental diseases	D.U5	+++
D05_K_U05	Prepares a patient with mental disorders for diagnostic tests both physically and mentally	D.U12	++
D05_K_U07	Documents the patient's health situation, its change dynamics and implemented nursing care	D.U13	++
D05_K_U08	Recognizes complications of pharmacological therapy, dietary, rehabilitation and medical-nursing care in patients with mental disorders	D.U20	++
D05_K_U09	Conducts a therapeutic conversation with a patient with mental disorders	D.U22	++
D05_K_U10	Provides information about patient's health condition to members of the therapeutic team	D.U26	++
D05_K_U11	Assists a physician during diagnostic and medical tests on patients with mental disorders	D.U27	++
D05_K_U12	Keeps records regarding care of a patient with mental disorders: observation card, nursing procedures and reports, a record of nosocomial infections, prevention and treatment of pressure sores and an information card with recommendations for self-care	D.U28	++
D05_K_U13	Predicts consequences of actions of a patient with specific mental disorders	D.U31	++
D05_K_U14	Adapts nursing interventions to the type of nursing care problems occurring in a patient with mental disorders	D.U32	++
D05_K_U15	Prepares and administers medications through different routes, autonomously or on behalf of a doctor (to patients with mental disorders)	D.U33	++
D05_K_U16	Recognizes indicators for specific diagnostic tests concerning psychiatry and has the abilities to issue referrals for specific diagnostic tests	D.U34	++
<b>Educational outcomes regarding social competences</b>			
D05_K_K01	Respects the dignity and autonomy of the entrusted to care patients hospitalized in a psychiatric health institution or healthcare entity with a psychiatric profile	D.K1	++
D05_K_K02	Systematically develops professional knowledge and skills, concerning psychiatry and psychiatric nursing, aiming at professionalism	D.K2	++
D05_K_K03	Adheres to moral values, responsibility and efficiency in taking care of patients with mental disorders	D.K3	++
D05_K_K04	Demonstrates moral responsibility for a human and execution of professional tasks in psychiatric nursing	D.K4	++
D05_K_K05	Respects the rights of a patient with mental disorders	D.K5	++
D05_K_K06	Reliably and accurately performs entrusted professional tasks, in terms of psychiatric nursing	D.K6	++
D05_K_K07	Adheres to professional secrecy regarding patients with mental disorders	D.K7	++
D05_K_K08	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining principles of the code of professional conduct regarding a patient with mental disorders	D.K8	++
D05_K_K09	Is open to one's own and a mentally disordered patient's subjectivity development	D.K9	++
D05_K_K10	Manifests empathy in relation with a patient with mental	D.K10	++

	disorders, the patient's family and colleagues.		
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the course educational outcome</b>	<b>Description of the educational outcome</b>		
D.W5	Knows the principles of diagnosis in medical nursing, geriatric nursing, surgical nursing , paediatric nursing, neurological nursing, psychiatric nursing, anaesthesiological nursing, obstetric-gynaecological nursing and palliative care		
D.W6	Knows the principles of care planning for patients depending on their age and health condition		
D.W8	Characterizes groups of medication and their effect on patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medication and routes of administration		
D.W9	Characterizes nursing techniques and procedures used to take care of patients with mental disorders, depending on age and health condition		
D.W10	Knows the principles of preparing a patient for self-care, depending on age and health condition		
D.W11	Differentiates a mentally disordered patient's reaction to disease and hospitalization depending on age and health condition		
D.W12	Knows the role of a nurse when a patient is admitted to a healthcare institution, taking into account the patient's age and health condition		
D.W14	Knows the specific principles of the organization of specialized care (geriatric, intensive medical care, neurological, psychiatric, paediatric, internal , surgical, palliative and medical rescue system in Poland)		
D.W26	Knows methods, techniques and tools for assessing the state of awareness and consciousness		
D.W27	Knows the etiopathogenesis and clinical symptoms of basic mental disorders		
D.W28	Knows binding principles regarding direct coercion		
D.W29	Knows possibilities of psychotherapy for patients with nervous system disorders		
D.W37	Knows basic directions of healing rehabilitation (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)		
D.W52	Knows types of diagnostic tests and has knowledge of their commissioning		
D.U1	Collects information, formulates nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and evaluates patient care		
D.U2	Recognizes conditions of maintaining mental health of patients of various ages and health condition		
D.U3	Provides counselling in terms of self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions		
D.U4	Motivates the patient and the patient's caretakers to join social support groups		
D.U5	Conducts complication prevention in the progress of diseases		
D.U12	Prepares the patient for physical and mental diagnostic tests		
D.U13	Documents the patient's health situation, its change in dynamics and implemented nursing care		
D.U20	Recognizes complications of pharmacological therapy, dietary, rehabilitation and nursing care		
D.U22	Conducts a therapeutic conversation		
D.U26	Relays information about the patient's health condition to members of the therapeutic team		
D.U27	Assists the doctor during diagnostic and treatment tests		
D.U28	Keeps records regarding the care of patients: observation card, nursing procedures and reports, a record of nosocomial infections, prevention, and treatment of pressure sores, and an information card with recommendations, regarding self-care		
D.U31	Predicts consequences and proceedings of a patient with specific mental disorders		

D.U32	Adapts nursing interventions to the kind of nursing care problems
D.U33	Prepares and administers medication in various ways , autonomously or on behalf of a doctor
D.U34	Recognizes indicators of specific diagnostic tests, concerning psychiatry and has the skills to issue referrals for specific diagnostic tests
D.K1	Respects the dignity and autonomy of care entrusted persons
D.K2	Systematically develops professional knowledge and skills, striving for professionalism
D.K3	Complies with moral values, responsibilities and efficiency, regarding care
D.K4	Provides moral responsibility for a human and execution of professional tasks
D.K5	Respects the patient's rights
D.K6	Performs professional duties reliably and accurately
D.K7	Adheres to professional secrecy
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining the principles of the code of professional conduct
D.K9	Is open for one's own and patient's subjectivity development
D.K10	Manifests empathy in relation with a patient, and the patient's family and colleagues.

CURRICULUM CONTENT			
Symbol and no. of classes	Subjects of classes	Implemented educational outcome	Hours
<b>Form of classes: lectures</b>			
<b>LECTURE (conducted by a doctor)</b>			
W01	Types, aetiology and pathogenesis of mental disorders. General Psychopathology. Psychiatric classifications.	D05_K_W10	2
W02	Elements of psychiatric evaluation.	D05_K_W12	1
W03	Mental disorders and behavioural disorders caused by psychoactive substance abuse.	D05_K_W10	2
W04	Schizophrenia and psychoses related to schizophrenia.	D05_K_W10	1
W05	Disorders and affective disorders.	D05_K_W10	1
W06	Personality Disorder	D05_K_W10	1
W07	Selected issues of developmental psychiatry: anxiety disorders, eating disorders, schizophrenia during development period, childhood autism, mental retardation, behavioural disorders.	D05_K_W10	2
<b>LECTURES IN TOTAL (conducted by a physician)</b>		<b>10</b>	
<b>LECTURE (conducted by a nurse)</b>			
W08	Participation a nurse in the diagnostic and therapeutic process of mentally ill: pharmacological treatment, ECT, psychosurgery, phototherapy, sleep deprivation. Mental health problems and health problems resulting from biological methods treatment	D05_K_W01 D05_K_W02 D05_K_W03 D05_K_W06 D05_K_W07	1
W09	Caring for patients with depression, nursing the patient after a suicide attempt. The process of nursing a patient with a manic syndrome. The participation of nurses in the process of psychoeducation of the patient and the patient's family.	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05	1
W10	Nursing procedures towards a patient suffering from schizophrenia	D05_K_W02 D05_K_W03	1

		D05_K_W04 D05_K_W05	
W11	Participation of a nurse in psychotherapy of the mentally ill. Nursing care of a patient manifesting aggressive and violent behaviours. Direct coercion in Psychiatry - nurse procedures within application of direct coercion.	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05 D05_K_W13	1
W12	Communicating with patients with mental disorders. Therapeutic communication. Therapeutic contact phases. Communicating with the patient, with certain psychiatric units.	D05_K_W13	1
W13	Therapeutic and nontherapeutic forms of communication, between a nurse and a mentally ill patient.	D05_K_W13	1
W14	Participation of nurses in psychiatric rehabilitation. Participation of nurses in mentally ill occupational therapy, in shaping the training of social skills.	D05_K_W13	1
W15	Nursing care elements of a patient with abnormalities, caused by abuse of psychoactive substances.	D05_K_W09	1
W16	Nursing care of patients with personality disorders	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05	1
W17	Nursing interventions in selected developmental age disorders.	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05	1
	<b>LECTURES IN TOTAL (conducted by a nurse)</b>		<b>10</b>
<b>Form of classes: practical classes *</b>			
C01	Nursing care for patients with depression, nursing the patient after a suicide attempt and suicidal thoughts.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	2
C02	Nursing care of patients with manic syndrome.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	1
C03	Nursing care of patients with schizophrenia.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	2
C04	Nursing care of patients with anxiety disorders.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	1
C05	Nursing care of patients with personality disorders.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	1
C06	Nursing care of a patient with mental disorders of old age.	D05_K_U01 D05_K_U02	1



		D05_K_U13 D05_K_U14	
C07	Nursing care of a patient with eating disorders.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	1
C08	Nursing care of a patient with disorders caused by abuse of psychoactive substances.	D05_K_U01 D05_K_U02 D05_K_U13 D05_K_U14	1
<b>Hours in total: practical classes</b>		<b>10</b>	
<b>Form of classes: classes without participation of an academic teacher (BNA)</b>			
BNA01	Theoretical concepts of psychiatric nursing - the process of nursing care within mental disorders, documentation of the nursing care process.	D05_K_W08	8
BNA02	Ethical and legal aspects of psychiatric care. Act of 19 August 1994 on the protection of mental health. Regulation of the Minister of Health of 28 June 2012, on the method of applying and documenting the use of direct coercion and assessing the validity of its application.	D05_K_W08 D05_K_W11	6
BNA03	Selected old age mental disorders - clinical fundamentals, nursing care.	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05	8
BNA04	Psychosexual disorders - clinical fundamentals, nursing care.	D05_K_W02 D05_K_W03 D05_K_W04 D05_K_W05	6
BNA05	Intermediate forms of psychiatric treatment.	D05_K_W08	2
<b>Hours in total. BNA</b>		<b>30</b>	
<b>Form of classes: practical training classes *</b>			
ZP01	Specifics of how a psychiatric ward operates (regulations, health and safety regulations) and / or health care facilities with a psychiatric profile	---	5
ZP02	Standards of nursing regulations binding in the psychiatric ward	D05_K_U01	10
ZP03	Methods and rules of administering medications in the psychiatric ward (including side effects and interactions with other medications)	D05_K_U08 D05_K_U15	10
ZP04	Methods of collecting medical history, planning principles, implementation and evaluation of undertaken activities (nursing process, nursing diagnosis, cooperation with the therapeutic team)	D05_K_U01 D05_K_U02 D05_K_U10	10
ZP05	Documentation of a mentally disordered patient's health condition: observation card, nursing procedures and reports, a record of nosocomial infections, prevention and treatment of pressure sores and an information card with recommendations for self-care	D05_K_U03 D05_K_U07 D05_K_U12	5
ZP06	Recording, analysing, evaluating and collecting data about a patient with mental disorders and the patient's environment.	D05_K_U01	10
ZP07	Determining the area and nature of care of a patient with mental disorders.	D05_K_U03 D05_K_U04 D05_K_U05	5

		D05_K_U08 D05_K_U13			
ZP08	Preparation of a mentally disordered patient for basic research tests and specialized tests, and providing care during, and after the test. Assist the doctor in diagnostic and medical examinations.	D05_K_U06 D05_K_U11 D05_K_U16	5		
ZP09	Participation in pharmacological treatment-medication administration in various ways, abiding principles of aseptics and antiseptics, execution of subcutaneous injections, intramuscular, intradermal, intravenous.	D05_K_U08 D05_K_U15	5		
ZP10	Conducting a therapeutic conversation in selected units of mental diseases.	D05_K_U04 D05_K_U09	5		
ZP11	Nursing patients with mental disorders depending on their age, efficiency levels and symptoms.	D05_K_U14	10		
<b>Hours in total: practical training classes - semester 6</b>		<b>80</b>			
<b>Form of classes: professional training classes *</b>					
<b>Semester 6</b>					
PZ01	Nurse's work in a psychiatric ward: locked, day and open - organization of a nursing workstation	---	5		
PZ02	Formulation of nursing diagnosis on patients with mental diseases, conducting the nursing care process.	D05_K_U01 D05_K_U02 D05_K_U14	5		
PZ03	Methods of communicating with a mentally ill patient, the patient's family and the therapeutic team.	D05_K_U09	5		
PZ04	Participation in the therapeutic community and in other forms of therapy of the mentally ill (art therapy, music therapy, dance therapy).	D05_K_U03 D05_K_U04	5		
PZ05	Nurse's participation in treatment and rehabilitation of the mentally ill.	D05_K_U08 D05_K_U13 D05_K_U14	5		
PZ06	Nurse's participation in electrical shock treatment, psychotherapy and other means of treatment of the mentally ill.	D05_K_U14	5		
PZ07	Keeping nursing documentation in a psychiatric ward and / or health care facility with a psychiatric profile.	D05_K_U07 D05_K_U12	5		
PZ08	Preparation of the mentally ill and their families for self-care - education.	D05_K_U03	5		
<b>Hours in total: professional training classes - semester 6</b>		<b>40</b>			
<b>The correlation of particular types of classes</b>					
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
7	W01-W17	C01-C08	BNA01-BNA05	---	---
	---	---	---	ZP01-ZP11	---
	Lectures, practical classes and practical training exams. Only after passing the exam the student can proceed with implementation of professional practice from the module. Target test form: OSCE.				
	---	---	---	---	PZ01-PZ08
Note: practical classes may be implemented only after the end of theoretical education, while professional practice - only after the end of practical classes.					
<b>The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes</b>					

Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D05_K_W01	W08	---	---	---	test	---	---	---
D05_K_W02	W08-W11 W16-W17 BNA03 BNA04	---	---	---	test	---	---	---
D05_K_W03	W08-W11 W16-W17 BNA03 BNA04	---	---	---	test	---	---	---
D05_K_W04	W09-W11 W16-W17 BNA03 BNA04	---	---	---	test	---	---	---
D05_K_W05	W09-W11 W16-W17 BNA03 BNA04	---	---	---	test	---	---	---
D05_K_W06	W08	---	---	---	test	---	---	---
D05_K_W07	W08	---	---	---	test	---	---	---
D05_K_W08	BNA01 BNA02 BNA05	---	---	---	test	---	---	---
D05_K_W09	W15	---	---	---	test	---	---	---
D05_K_W10	W01 W03-W07	---	---	---	test	---	---	---
D05_K_W11	BNA02	---	---	---	test	---	---	---
D05_K_W12	W02 W11	---	---	---	test	---	---	---
D05_K_W13	W12-W14	---	---	---	test	---	---	---
D05_K_U01	---	C01-C06	ZP02 ZP04 ZP06	PZ02	---	skill presentation	nursing care process	preparation of an assessment report
D05_K_U02	---	C01-C06	ZP04	PZ02	---	skill presentation	skill demonstration	preparation of an assessment report
D05_K_U03	---	---	ZP05 ZP07	PZ04 PZ08	---	---	skill demonstration	preparation of an assessment report
D05_K_U04	---	---	ZP07 ZP10	PZ04	---	---	skill demonstration	preparation of an assessment report

D05_K_U05	---	---	ZP07	---	---	---	skill demonstration	---
D05_K_U06	---	---	ZP08	---	---	---	skill demonstration	---
D05_K_U07	---	---	ZP05	PZ07	---	---	skill demonstration	preparation of an assessment report
D05_K_U08	---	---	ZP03 ZP07 ZP09	PZ05	---	---	skill demonstration	preparation of an assessment report
D05_K_U09	---	---	ZP10	PZ03	---	---	skill demonstration	preparation of an assessment report
D05_K_U10	---	---	ZP04	---	---	---	skill demonstration	---
D05_K_U11	---	---	ZP08	---	---	---	skill demonstration	---
D05_K_U12	---	---	ZP05	PZ07	---	---	skill demonstration	preparation of an assessment report
D05_K_U13	---	C01-C06	ZP07	PZ05	---	skill demonstration	skill demonstration	preparation of an assessment report
D05_K_U14	---	C01-C06	ZP11	PZ02 PZ05 PZ06	---	skill demonstration	skill demonstration	preparation of an assessment report
D05_K_U15	---	---	ZP03 ZP09	---	---	---	skill demonstration	---
D05_K_U16	---	---	ZP08	---	---	---	skill demonstration	---
D05_K_K01	---	all	all	all	---	360° observation	360° observation	360° observation
D05_K_K02	---	all	all	all	---	360° observation	360° observation	360° observation
D05_K_K03	---	all	all	all	---	360° observation	360° observation	360° observation

D05_K_K04	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K05	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K06	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K07	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K08	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K09	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D05_K_K10	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
<b>Teaching methods, method of implementation and evaluation</b>								
<b>Lecture and classes without the participation of an academic teacher (BNA)</b>	Lecture with multimedia presentation and/or a conversational lecture. Condition for passing the lectures: final evaluation test							
<b>Practical classes</b>	<p>Practical classes are mandatory. They are performed in groups. Any absence should be recovered at the consultations, which should be carried out at the location of practical classes.</p> <p>It is recommended to carry out practical classes in the form of workshops (in simulated conditions).</p> <p>Practical classes are aimed at achieving educational outcomes in terms of skills.</p> <p>Final practical classes assessment test: for evaluation.</p> <p>Assessment completed practically, in simulated conditions (in a simulation room of low fidelity). In case of OSCE completion, the completion of practical classes is carried out at appropriately prepared stations, then the students perform the same task, which is evaluated by means of a checklist (these activities are required to complete the task).</p> <p>Each educational outcome is assessed separately; rating scale from 2.0 to 5.0.</p> <p>The condition for getting a practical classes evaluation is to pass all educational outcomes in terms of skills.</p>							
<b>Practical training classes</b>	<p>Practical training classes are carried out in natural conditions, i.e. in medical facilities, and in simulated conditions (including the Medical Simulation Centre). Participation in practical training classes is obligatory. Practical training classes are carried out after completion of practical classes, in simulated conditions.</p> <p>ATTENTION: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• age and health condition of the patient;</li> <li>• Anamnesis and physical examination performed by a nurse for the purpose of a nursing diagnosis;</li> <li>• Characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• Principles for assessing patient's condition, depending on the patient's age;</li> <li>• Methods of collecting medical history, planning principles, implementation and evaluation of actions undertaken in order to make a nursing diagnosis and develop a nursing process;</li> <li>• Measurements of basic physiological parameters, such as body temperature,</li> </ul>							

	<p>pulse rate, blood pressure;</p> <ul style="list-style-type: none"> <li>• Methods and principles of administering current medications (including side effects and interactions with other medications);</li> <li>• Nurse's responsibilities in preparing patients for basic and specialist diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• Recording, analysing, evaluating and collecting data about a patient and the patient's environment;</li> <li>• Determining the area and nature of care of the patient;</li> <li>• Preparing the patient for pro-health behaviours;</li> <li>• Preparing the patient and patient's family for self-care.</li> </ul>
<b>Final module test</b>	<p>After implementation and completion of all forms of classes, but before the start of professional training, the student shall take the final assessment exam.</p> <p>In case of skipping the OSCE procedure, the student randomly draws 1 task from the pool of tasks, concerning individual educational outcomes in terms of skills; social competences are verified during the student's presentation of acquired skills. 2 tasks hold theoretical knowledge, 2 tasks - skills.</p> <p>The test is carried out in accordance with the OSCE procedure. Each student completes 4 standardized tasks, which include both theoretical knowledge (2 tasks) and practical knowledge (2 tasks). Tasks are drawn by students from a pool of theoretical tasks (at least 25 tasks), and practical tasks (at least 25 tasks), to each of whom there is a scenario-a checklist and indicated station, on which you must perform the selected task. Tasks drawn by the student are returned to the appropriate task pool.</p>
<b>Professional training classes</b>	<p>. Professional training classes are carried out in a health care facility. Detailed educational outcomes in terms of knowledge, skills, and social skills are included in the "practical training log". Confirmation of the achievements listed in the educational outcome is made by the mentor of professional training classes, a substantive employee of the healthcare institution.</p> <p>Professional training classes, grade assessment (rating scale: from 2.0 to 5.0).</p> <p>ATTENTION: during the implementation of professional training classes, you should take into account:</p> <ul style="list-style-type: none"> <li>• age and health condition of the patient;</li> <li>• Anamnesis and physical examination performed by a nurse for the purpose of a nursing diagnosis;</li> <li>• Characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• Principles for assessing patient's condition, depending on the patient's age;</li> <li>• Methods of collecting medical history, planning principles, implementation and evaluation of actions undertaken in order to make a nursing diagnosis and develop a nursing process;</li> <li>• Measurements of basic physiological parameters, such as body temperature, pulse rate, blood pressure;</li> <li>• Methods and principles of administering current medications (including side effects and interactions with other medications);</li> <li>• Nurse's responsibilities in preparing patients for basic and specialist diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• Recording, analysing, evaluating and collecting data about a patient and the patient's environment;</li> <li>• Determining the area and nature of care of the patient;</li> <li>• Preparing the patient for pro-health behaviours;</li> <li>• Preparing the patient and patient's family for self-care.</li> </ul> <p>ATTENTION: During professional training classes focus on holistic nursing of a patient with mental disorders, to develop the following skills:</p> <ul style="list-style-type: none"> <li>• organising the workplace,</li> <li>• communicating with the patient and patient's family,</li> <li>• cooperation with the therapeutic team,</li> <li>• assessment of the functions of individual systems (circulatory, respiratory,</li> </ul>

	<p>digestive, excretory, endocrine, movement) through measurement, observation, interview, analysis of medical documentation, analysis of basic and specialized results of diagnostic tests,</p> <ul style="list-style-type: none"> <li>• download materials for diagnostic tests,</li> <li>• preparation of the patient for the endoscopic and imaging tests,</li> <li>• administration of medication by various routes,</li> <li>• Oxygen administration,</li> <li>• performing physiotherapy treatments,</li> <li>• maintaining patient's personal hygiene and environment,</li> <li>• performing procedures to facilitate excretion,</li> <li>• performing nursing-medical treatments on the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>		
<b>Student's workload</b> ( <i>practical classes marked with an asterisk</i> )			
Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	10 hours + 10 hours	20
	Participation in practical classes *	10 hours	10*
	Participation in practical training classes *	80 hours	80*
	Participation in consultations related to classes *	2 hours for each type of classes (doctor's lecture, nurse's lecture, BNA, practical classes, practical training classes *, professional training classes*)	8 4*
Contact hours with the mentor practitioner from the medical entity	Participation in professional training classes *	1 week	40*
Student's individual work	Preparation for practical classes *	10 hours	10*
	Preparation for practical training classes *	80 hours	80*
	Individual work related to the subject of BNA classes	30 hours	30
	Preparation for the final assessment test from lectures and BNA	5 hours	5
	Nurture process preparation (based on the material gathered during practical training classes) *	5 hours	5*
	Final exam preparation, covering all educational content, included in a module * (OSCE exam)	20 (half of the time was spent on preparation in terms of theoretical education, half-on practical training classes)	10 10*
Total student's workload			<b>312</b>
<b>Quantity indicator</b>	Workload	Hours	ECTS
	Student's workload associated with classes that require direct teacher participation	122	3,5
	Student's workload associated with classes that do not require direct teacher participation	190	5,5
	* Student's workload associated with practical classes	239	6,9

	Student's workload associated with theoretical classes	73	2,1	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Górna K., Jaracz K., Rybakowski J. (red.). Pielęgniarstwo psychiatryczne. (Psychiatric nursing) Podręcznik dla studiów medycznych. (Medical studies manual) Warszawa: Wydawnictwo Lekarskie PZWL, 2012.</li> <li>Krupka-Matuszczyk I., Matuszczyk M. (red.). Psychiatria. (Psychiatry) Podręcznik dla studentów pielęgniarstwa. (Manual for nursing students) Katowice: Wydawnictwo Śląskiego Uniwersytetu Medycznego w Katowicach, 2007.</li> <li>Wilczek-Rużyczka E. (red.). Podstawy pielęgniarstwa psychiatrycznego. (Psychiatric nursing basics) Lublin: Publisher Czelej, 2007.</li> <li>Wilczek-Rużyczka E. Komunikowanie się z chorym psychicznie. (Communication with a mentally ill patient). Lublin: Wydawnictwo Czelej, 2007.</li> <li>Heitzman J. (red.). Psychiatria. (Psychiatry) Podręcznik dla studiów medycznych. (Medical studies manual) Warszawa: Wydawnictwo Lekarskie PZWL, 2007.</li> </ul>			
<b>Supplementar y bibliography</b>	<ul style="list-style-type: none"> <li>Jarema M. Analiza przypadków klinicznych w psychiatrii. (Analysis of clinical cases in psychiatry). Warszawa: Wydawnictwo Lekarskie PZWL, 2016.</li> <li>Rabe-Jabłońska J. Trudne diagnozy psychiatryczne. (Difficult psychiatric diagnoses). Warszawa: Wydawnictwo Lekarskie PZWL, 2014.</li> <li>Rybakowski J., Pużyński S., Wciórka J. Psychiatria tom 1 – podstawy psychiatrii. (Volume 1-Psychiatry fundamentals). Wrocław: Elsevier Urban &amp; Partner, 2010.</li> <li>Rybakowski J., Pużyński S., Wciórka J. Psychiatria tom 2 – psychiatria kliniczna. (Psychiatry Volume 2 - clinical psychiatry). Wrocław: Elsevier Urban &amp; Partner, 2011</li> <li>Rybakowski J., Pużyński S., Wciórka J. Psychiatria tom 3 – metody leczenia, zagadnienia etyczne, prawne, publiczne, społeczne. ( Psychiatry Volume 3 – treatment methods, ethical, legal, public, social issues). Wrocław: Elsevier Urban &amp; Partner, 2012.</li> <li>Kurpas D., Miturska H., Kaczmarek M.: Podstawy psychiatrii dla studentów pielęgniarstwa. (Psychiatry fundamentals for nursing students) Wrocław: Continuo, 2010.</li> <li>Bilikiewicz A. (red.). Psychiatrii Textbook for medical students. Warszawa: Wydawnictwo Lekarskie PZWL, 2003.</li> <li>Hese R.T., Zyss T. Leczenie elektrowstrząsami w praktyce klinicznej. (Electroshock treatment in clinical practice). Wrocław: Elsevier Urban &amp; Partner, 2007.</li> <li>Grochowska D., Twarowska M. Wybrane standardy w pielęgniarstwie psychiatrycznym. (Selected psychiatric nursing standards). Warszawa: Naczelna Rada Pielęgniarek i Położnych, 2002. (Supreme Council of Nurses and Midwives).</li> <li>Grochowska D., Błaszowska L. Program edukacyjny dla pielęgniarek w zakresie stosowania przymusu bezpośredniego. (Educational program for nurses, regarding the use of direct coercion). Wyd. Centrum Edukacji Medycznej. (Medical Education Center). Warszawa, 1997.</li> </ul>			
<b>Grades – details</b> ( <i>intermediate grades omitted: 3.5 and 4.5</i> ).				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D05_K_W01	The student does not know the principles of diagnosis in psychiatric nursing.	The student knows some principles of diagnosis in psychiatric nursing	The student knows most principles of diagnosis in psychiatric nursing	The student knows all principles of diagnosis in psychiatric nursing
D05_K_W02	The student does not know the principles of mentally disordered patients care planning, depending on their age and health condition	The student knows some principles of mentally disordered patients care planning, depending on their age and health condition	The student knows most principles of mentally disordered patients care planning, depending on their age and health condition	The student knows most principles of mentally disordered patients care planning, depending on their age and health condition
D05_K_W03	The student cannot characterize groups of medication and their effects on patient's systems, and patient's organs in various mental diseases, depending on age, and health condition,	The student inaccurately characterizes groups of medication and their effect on patient's systems and organs in various diseases, depending on age and health condition,	The student quite precisely characterizes groups of medication and their effect on the patient's systems and organs in various mental disorders, depending on the age and health	The student precisely characterizes groups of medication and their effect on patient's systems and organs in various diseases, depending on age and health condition, including side effects,



	including side effects, interaction with other medication, and routes of administration	including side effects, interaction with other medication and routes of administration	condition, including side effects, interaction with other medication and routes of administration	interaction with other medication and routes of administration
D05_K_W04	The student cannot characterize nursing techniques and procedures used to take care of patients with mental disorders, depending on the patient's age and health condition	The student inaccurately characterizes nursing techniques and procedures, used to take care of patients with mental disorders depending on the patient's age and health condition	The student quite precisely characterizes nursing techniques and procedures used to take care of patients with mental disorders, depending on the patient's age and health condition	The student precisely characterizes nursing techniques and procedures used to take care patients with mental disorders, depending on the patient's age and health condition
D05_K_W05	The student does not know the principles of preparing the patient with a mental disorder for self-care, depending on the patient's age and health condition	The student knows some principles of preparing the patient with a mental disorder for self-care, depending on the patient's age and health condition	The student knows most principles of preparing the patient with a mental disorder for self-care, depending on the patient's age and health condition	The student knows all the principles of preparing the patient with a mental disorders for self-care, depending on the patient's age and health condition
D05_K_W06	The student does not differentiate a mentally disordered patient's reaction to disease and hospitalization depending on the patient's age and health condition	The student imprecisely differentiates a mentally disordered patient's reactions to the disease and hospitalization depending on the patient's age and health condition	The student quite precisely differentiates a mentally disordered patient's reaction to disease and hospitalization depending on the patient's age and health condition	The student precisely differentiates a mentally disordered patient's reactions to disease and hospitalization depending on the patient's age and health condition
D05_K_W07	The student does not know the role of a nurse when admitting a patient to the psychiatric ward or a health care facility with a psychiatric profile, depending on the patient's age and health condition	The student imprecisely knows the role of a nurse when admitting a patient to the psychiatric ward or the healthcare facility with a psychiatric profile, depending on the patient's age and health condition	The student quite precisely knows the role of a nurse when admitting a patient to the psychiatric ward or a healthcare facility with a psychiatric profile, depending on the patient's age and health condition	The student precisely knows the role of a nurse when admitting a patient to a psychiatric ward or a healthcare facility with a psychiatric profile, depending on the patient's age and condition
D05_K_W08	The student does not know specific principles of organising specialised psychiatric care	The student knows some specific principles of organising specialised psychiatric care	Student knows most specific principles of organising specialised psychiatric care	The student knows some specific principles of organising specialised psychiatric care
D05_K_W09	Does not know consequences of long-term immobility of a patient with mental disorders	Knows only some consequences of long-term immobility of a patient with mental disorders	Knows most consequences of long-term immobility of a patient with mental disorders	Professionally presents consequences of long-term immobility of a patient with mental disorders
D05_K_W10	Does not know pathophysiology, clinical symptoms of basic mental disorders	Knows pathophysiology generally, clinical symptoms of basic mental disorders; it is incomplete and	Knows pathophysiology well, clinical symptoms of basic mental disorders	Presents pathophysiology very well and clinical symptoms of basic mental disorders

		fragmentary knowledge		
D05_K_W11	Does not know binding principles regarding direct coercion of persons with mental disorders	Knows some binding principles regarding direct coercion of persons with mental disorders	Knows most binding principles regarding direct coercion of persons with mental disorders	Professionally presents binding principles regarding direct coercion of persons with mental disorders
D05_K_W12	Does not know the types of diagnostic tests used on persons with mental disorders and has no knowledge within their commissioning	Knows some types of diagnostic tests used on persons with mental disorders, has little knowledge within their commissioning	Knows most types of diagnostic tests used on persons with mental disorders, has almost full knowledge within their commissioning	Professionally presents types of diagnostic tests used on persons with mental disorders and discusses the details of their commissioning
D05_K_W13	Does not present basic principles of psychotherapy used in rehabilitation of patients with mental disorders	Discusses in an incomplete way some basic principles of psychotherapy used in the rehabilitation of patients with mental disorders	Discusses in a general way the majority of basic principles of psychotherapy used in the rehabilitation of patients with mental disorders	Discusses comprehensively basic principles of psychotherapy used in rehabilitation of patients with mental disorders
D05_K_U01	The student is not able to collect information, formulate a nursing diagnosis, set goals and a care plan, implement nursing interventions and evaluate care in the care of a patient with mental disorders (score 2.0 for the nursing process)	The student is able to gather some information, imprecisely formulates the nursing diagnosis, imprecisely sets goals and a care plan, imprecisely implements nursing interventions and imprecisely evaluates care in the care of a patient with mental disorders (score 3.0 for the nursing process)	The student is able to gather most of the information, quite accurately formulates a nursing diagnosis, precisely sets goals and a care plan, quite precisely implements nursing interventions and quite precisely evaluates care in the care of a patient with mental disorders (score 4.0 for the nursing process)	The student is able to gather all information, precisely formulates the nursing diagnosis, precisely sets goals and a care plan, precisely implements nursing interventions and precisely evaluates care in the care of a patient with mental disorders (score 5.0 for the nursing process)
D05_K_U02	Does not recognize conditions of maintaining patients' mental health of various ages and health condition	Recognizes only some conditions of maintaining patients' mental health of various ages and health condition	Recognizes most conditions of maintaining patients' mental health of various ages and health condition	Professionally recognizes conditions of maintaining patients' mental health of various ages and health condition
D05_K_U03	Does not conduct counselling in terms of self-care of patients with mental disorders of various ages and health condition	To a small degree conducts, counselling in terms of self-care of patients with mental disorders of various ages and health condition	Quite professionally conducts counselling in terms of self-care of patients with mental disorders of various ages and health condition	Conducts professionally, counselling in terms of self-care of patients with mental disorders of various ages and health condition
D05_K_U04	Does not motivate the patient with mental disorders and the patient's guardians to enter	Motivates the patient with mental disorders to a small degree and the patient's guardians to enter	Motivates the patient with mental disorders to a large degree and the patient's guardians to enter	Motivates the patient with mental disorders effectively and the patient's guardians to enter social support

	social support groups	social support groups	social support groups	groups
D05_K_U05	The student is not able to prevent complications in the course of mental diseases	The student imprecisely conducts complications prevention in the course of mental diseases	The student quite precisely conducts prevention of complications in the course of mental diseases	The student imprecisely conducts complications prevention in the course of mental diseases
D05_K_U05	Does not prepare the patient with mental disorders for physical and mental diagnostic tests	Prepares very imprecisely the patient with mental disorders for physical and mental diagnostic tests	Prepares with small mistakes the patient with mental disorders for physical and mental diagnostic tests	Prepares professionally the patient with mental disorders for physical and mental diagnostic tests
D05_K_U07	The student is not able to document the health situation of a patient with mental disorders, its change dynamics and implemented nursing care	The student imprecisely documents the patient's health situation, its change dynamics and implemented nursing care	The student quite precisely documents the patient's health situation, its change dynamics and implemented nursing care	The student precisely documents the patient's health situation, its change dynamics and implemented nursing care
D05_K_U08	The student cannot recognize complications of pharmacological therapy, dietary, rehabilitation and medical-nursing care in patients with mental disorders	The student recognizes some complications of pharmacological therapy, dietary, rehabilitation and medical-nursing care in patients with mental disorders	The student recognizes most complications of pharmacological therapy, dietary, rehabilitation and medical-nursing care in patients with mental disorders	The student recognizes all the complications of pharmacological therapy, dietary, rehabilitation and medical-nursing care in patients with mental disorders
D05_K_U09	Does not conduct therapeutic conversation with a patient with mental disorders	Conducts to a small extent, a therapeutic conversation with a patient with mental disorders, and while ignoring important issues	Conducts a therapeutic conversation with a patient with mental disorders, while omitting minor issues	Conducts a therapeutic conversation with the patient with mental disorders, in a professional manner
D05_K_U10	The student cannot relay information about a mentally disordered patient's health condition to members of the therapeutic team	The student imprecisely relays information about a mentally disordered patient's health condition to members of the therapeutic team	The student quite precisely relays information about a mentally disordered patient's health condition to members of the therapeutic team	The student imprecisely relays information about a mentally disordered patient's health condition to members of the therapeutic team
D05_K_U11	The student is not able to assist the doctor during diagnostic and medical examination of patients with mental disorders	The student is able to assist the doctor during certain diagnostic and medical examination of patients with mental disorders	The student is able to assist the doctor during most diagnostic and medical examination of patients with mental disorders	The student is able to assist the doctor during all diagnostic and medical examination of patients with mental disorders
D05_K_U12	The student is not able to keep records, regarding care of a patient with mental disorders: observation card, nursing procedures, and reports, a record of nosocomial infections,	The student keeps records imprecisely, regarding care of a patient with mental disorders: observation card, nursing procedures, and reports, a record of nosocomial infections,	The student keeps records imprecisely, regarding care of a patient with mental disorders: observation card, nursing procedures, and reports, a record of nosocomial infections,	The student keeps records precisely, regarding care of a patient with mental disorders: observation card, nursing procedures, and reports, a record of nosocomial infections, prevention,

	prevention, and treatment of pressure sores, and an information card with recommendations for self-care	prevention, and treatment of pressure sores, and an information card with recommendations for self-care	prevention, and treatment of pressure sores, and an information card with recommendations for self-care	and treatment of pressure sores, and an information card with recommendations for self-care
D05_K_U13	Does not predict the consequences and proceedings of a patient with specific mental disorders	Does not fully predict the consequences and proceedings of a patient with specific mental disorders	Predicts most consequences and proceedings of a patient with specific mental disorders	Presents exhaustively the effects of treatment of a patient's specific mental disorders
D05_K_U14	The student does not adapt nursing interventions to the kind of nursing care problems occurring in a patient with mental disorders	The student imprecisely adapts nursing interventions to the kind of nursing care problems occurring in a patient with mental disorders	The student imprecisely adapts nursing interventions to the kind of nursing care problems occurring in a patient with mental disorders	The student precisely adapts nursing interventions to the kind of nursing care problems occurring in a patient with mental disorders
D05_K_U15	The student is not able to prepare and administer medication in various ways, autonomously or on behalf of a doctor (to patients with mental disorders).	The student prepares and administers some medication in various ways, autonomously or on behalf of a doctor (to patients with mental disorders).	The student prepares and administers most of the medication, alone or on the order of a physician, in various ways (to patients with mental disorders).	The student prepares and administers all medication in various ways, autonomously or on behalf of a doctor (to patients with mental disorders).
D05_K_U16	Does not recognize indicators for performing specific diagnostic tests and does not have the abilities to issue referrals for specific diagnostic tests	Recognizes few indicators for performing specific diagnostic tests and to a small degree, has the abilities to issue referrals for specific diagnostic tests	Recognizes most of the indicators for performing specific diagnostic tests, almost without mistakes, demonstrates the ability to issue referrals for specific diagnostic tests	Precisely recognizes indicators for performing specific diagnostic tests, regarding psychiatry, and has the ability to issue referrals for specific diagnostic tests
D05_K_K01	The student does not respect the dignity and autonomy of the patients hospitalized in a psychiatric health institution or healthcare entity with a psychiatric profile	The student partially respects the dignity and autonomy of the patients hospitalized in a psychiatric health institution or healthcare entity with a psychiatric profile	The student respects the dignity and autonomy of the patients hospitalized in a psychiatric health institution or healthcare entity with a psychiatric profile	The student is an exemplary in terms of respecting the dignity and autonomy of the patients hospitalized in a psychiatric health institution or healthcare entity with a psychiatric profile
D05_K_K02	The student does not improve professional knowledge and does not develop abilities, within psychiatry and psychiatric nursing, to aim for professionalism.,	The student partially improves professional knowledge and develops abilities, within psychiatry and psychiatric nursing, to aim for professionalism.	The student improves professional knowledge and develops abilities, within psychiatry and psychiatric nursing, to aim for professionalism.	The student is an exemplary in terms of improving professional knowledge and developing abilities, within psychiatry and psychiatric nursing, to aim for professionalism.
D05_K_K03	The student does not comply with the moral values, responsibilities and efficiency in taking care of patients with	The student partially complies with the moral values, responsibilities and efficiency in taking care of patients with	The student complies with the moral values, responsibilities and efficiency in taking care of patients with mental	The student complies perfectly with the moral values, responsibilities and efficiency in taking care of patients with

	mental disorders	mental disorders	disorders	mental disorders
D05_K_K04	The student does not display moral responsibility for another person and execution of professional tasks in psychiatric nursing	The student partially displays moral responsibility for another person and execution of professional tasks in psychiatric nursing	The student displays moral responsibility for another person and execution of professional tasks in psychiatric nursing	The student perfectly displays moral responsibility for another person and execution of professional tasks in psychiatric nursing
D05_K_K05	The student does not respect the rights of a patient with mental disorders	The student partially respects the rights of the patient with mental disorders	The student respects well, the rights of the patient with mental disorders	The student perfectly respects the rights of a patient with mental disorders
D05_K_K05	The student unreliably and inaccurately performs assigned professional tasks, within psychiatric nursing	The student partially performs entrusted professional tasks, within psychiatric nursing	The student performs assigned professional tasks, within psychiatric nursing	The student reliably and accurately performs entrusted professional tasks, in terms of psychiatric nursing
D05_K_K05	The student does not abide by professional secrecy regarding patients with mental disorders	The student partially abides by professional secrecy regarding patients with mental disorders	The student abides well to professional secrecy regarding patients with mental disorders	The student perfectly abides by professional secrecy regarding patients with mental disorders
D05_K_K05	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas, while maintaining principles of the code of professional conduct, regarding a patient with mental disorders	The student partially collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining principles of the code of professional conduct, regarding a patient with mental disorders	The student autonomously collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining principles of the code of professional conduct, regarding a patient with mental disorders	The student perfectly and autonomously collaborates as part of an interdisciplinary team in solving ethical dilemmas, while maintaining principles of the code of professional conduct, regarding a patient with mental disorders
D05_K_K05	The student is not open for own and a mentally disordered patient's subjectivity development	The student is partially open for own and a mentally disordered patient's subjectivity development	The student is open for own and a mentally disordered patient's subjectivity development	The student is perfectly open for own and a mentally disordered patient's subjectivity development
D05_K_K05	The student does not manifest empathy in relation with a patient with mental disorders, and the patient's family and colleagues.	The student partially manifests empathy in relation with a patient with mental disorders, and the patient's family and colleagues.	The student manifests empathy in relation with a patient with mental disorders, and the patient's family and colleagues.	The student manifests great empathy in relation with a patient with mental disorders, and the patient's family and colleagues.

## PIE1.D06. Anaesthesiology and nursing in a life-threatening condition

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Anaesthesiology and nursing in a life-threatening condition	Code	PIE1.D06	ECTS points	7	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course / Modular block			Obligatory D. Specialised nursing care			
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
3	5	15 + 15	15	30	---	---
Form of crediting		ZO	ZO	ZO	---	---
ECTS		3,5			---	---
3	6	---	---	---	40	---
Form of crediting		---	---	---	ZO	---
ECTS		---	---	---	2,5	---
3	6	FINAL OSCE EXAM				
3	6	---	---	---	---	40
Form of crediting		---	---	---	---	ZO
ECTS		---			---	1,0
Education area in direction of studies	Medical sciences, health sciences and physical education sciences					
Field of science	Health Sciences.					
Language of lectures	English					
Prerequisites	Knowledge of the following subjects: D01. Internal medicine and internal nursing D02. Paediatrics and paediatric nursing D03. Surgery and surgical nursing D09. Geriatrics and geriatric nursing					

<b>Educational goal</b>	Familiarizing students with the fundamental medical issues of emergency and life-threatening conditions: understanding the causes, symptoms and procedures as well as care and nursing methods; providing students with the skills to take the rescue and resuscitation proceedings. Familiarizing students with the supervisory principles and proper care of patients anesthetised with various methods.		
<b>Symbol of the course educational outcome</b>	<b>Description of the course educational outcome</b>	<b>Reference to the directional educational outcome</b>	<b>Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)</b>
<b>Educational outcomes regarding knowledge</b>			
D06_K_W01	The student names life-threatening symptoms in patients of all ages	D.W1	++
D06_K_W02	The student knows the principles of diagnosis in anaesthesiological nursing	D.W5	++
D06_K_W03	The student knows the principles of planning care for patients depending on their age and health condition, in particular for patients who are in a life-threatening condition	D.W6	++
D06_K_W04	The student knows the principles of preparation, care during and after examination and diagnostic procedures performed in patients of different ages and health, in particular in patients who are in a life-threatening condition	D.W7	++
D06_K_W05	The student characterizes groups of medications and their effect on the patient's systems and organs in various life-threatening diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	++
D06_K_W06	The student characterizes nursing techniques and procedures used in patient care, depending on age and health condition, in particular in patients who are in a life-threatening condition	D.W9	++
D06_K_W07	The student knows the principles of preparation of the patient for self-care, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	D.W10	++
D06_K_W08	The student differentiates the patient's reactions to illness and hospitalisation, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	D.W11	++
D06_K_W09	The students knows the role of a nurse in the admission of the patient to the anaesthesiological and intensive care unit depending on age and health condition;	D.W12	++
D06_K_W10	The student knows the specific principles of organisation of specialised care in the intensive care	D.W14	++
D06_K_W11	The student knows the methods, techniques and tools for assessing awareness and consciousness	D.W26	++
D06_K_W12	The student knows the standards and procedures for emergency procedures and life-saving procedures	D.W40	++

D06_K_W13	The student knows the principles of preparation of the operating theatre for surgery under general and regional anaesthesia	D.W41	++
D06_K_W14	The student characterizes the directions of observation of the patient during surgery, including basic and extended monitoring	D.W42	++
D06_K_W15	The student knows the course of anaesthesia and the principles and methods of patient care after anaesthesia	D.W43	++
D06_K_W16	The student characterizes the regional anaesthesia methods and the anaesthesiological nurse's tasks during and after regional anaesthesia	D.W44	++
D06_K_W17	The student recognizes the life-threatening conditions and describes monitoring conducted with and without the use of apparatus	D.W45	++
D06_K_W18	The student explains the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support (ALS – <i>advanced life support</i> )	D.W46	++
D06_K_W19	The student knows the rules of prevention of infections in intensive care units and operating block	D.W47	++
<b>Educational outcomes regarding skills</b>			
D06_K_U01	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in caring for the patient in the anaesthesiology and intensive care unit	D.U1	+++
D06_K_U02	The student recognizes the determinants of maintaining the health of care recipients of different ages and health condition, staying in the anaesthesiology and intensive care unit	D.U2	+++
D06_K_U03	The student conducts prevention of complications in the course of diseases in patients staying in the anaesthesiology and intensive care unit	D.U5	+++
D06_K_U04	The student documents the health situation of the patient staying in the anaesthesiology and intensive care unit, its dynamics of changes and provided nursing care	D.U13	+++
D06_K_U05	The student recognizes the emergency health-threatening condition	D.U16	+++
D06_K_U06	The student performs automatic defibrillation (AED) and airway clearance without the use of apparatus	D.U17	+++
D06_K_U07	The student recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in patients staying in the anaesthesiology and intensive care unit	D.U20	+++
D06_K_U08	The student looks after the patient with a fistula, endotracheal tube and tracheotomy tube	D.U21	+++
D06_K_U09	The student conducts, documents and evaluates the ICU patient's fluid balance	D.U25	+++
D06_K_U10	The student provides information on the ICU patient's health condition to the members of the therapeutic team	D.U26	+++
D06_K_U11	The student assists the physician during diagnostic and treatment tests in the ICU patient	D.U27	+++
D06_K_U12	The student keeps records of the ICU patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of	D.U28	+++



	pressure ulcers chart and information sheet with recommendations for self-care		
D06_K_U13	The student assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures	D.U29	+++
D06_K_U14	The student adjusts nursing interventions to the type of the ICU patient nursing problems	D.U32	+++
D06_K_U15	The student prepares and administers medications through different routes of administration to the ICU patient, independently or on the order of a physician.	D.U33	+++
D06_K_U16	The student conducts enteral and parenteral nutrition for the patient in a life-threatening condition (adults and children) with the use of different techniques	D,U19	++
<b>Educational outcomes regarding social competences</b>			
D06_K_K01	The student respects the dignity and autonomy of people entrusted to the care in the anaesthesiology and intensive care unit	D.K1	++
D06_K_K02	The student systematically upgrades professional knowledge and skills regarding anaesthesiology and nursing in a life-threatening situation, aiming at professionalism	D.K2	++
D06_K_K03	The student adheres to values, responsibility and moral performance in patient care for the patient in a life-threatening condition	D.K3	++
D06_K_K04	The student manifests moral responsibility for a human and professional tasks in anaesthesiology and nursing in a life-threatening condition	D.K4	++
D06_K_K05	The student respects the rights of the ICU patient	D.K5	++
D06_K_K06	The student reliably and accurately performs assigned professional duties in anaesthesiology and nursing in a life-threatening condition	D.K6	++
D06_K_K07	The student adheres to professional secrecy regarding the ICU patient	D.K7	++
D06_K_K08	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the patient in a life-threatening condition.	D.K8	++
D06_K_K09	Is open for the development of subjectivity and the patient in a life-threatening condition	D.K9	++
D06_K_K10	The student manifests empathy in the relationship with the patient in a life-threatening condition and his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the educational outcome</b>	<b>Description of the educational outcome</b>		
D.W1	The student names life-threatening symptoms in patients of all ages		
D.W5	The student knows the principles of diagnosing in internal medicine, geriatric, surgical , paediatric, neurological, psychiatric, anaesthesiological, obstetric-gynaecological nursing and palliative care		
D.W6	The student knows the principles of planning the patient care depending on age and health condition		
D.W7	The student knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition		

D.W8	The student characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D.W9	The student characterizes nursing techniques and procedures used in patient care depending on age and health condition
D.W10	The student knows the principles of preparing the patient for self-care depending on age and health condition
D.W11	The student differentiates the patient's reactions to disease and hospitalisation, depending on age and health
D.W12	The student knows the role of a nurse in admission of a patient to a healthcare facility depending on age and the patient's health condition
D.W14	The student knows the specific principles of organisation of specialised care (geriatric, intensive, neurological, psychiatric, paediatric, internal medicine, surgical and palliative care and emergency medical service system in Poland)
D.W26	The student knows the methods, techniques and tools for assessing awareness and consciousness
D.W40	The student knows the standards and procedures for emergency procedures and life-saving procedures
D.W41	The student knows the principles of preparation of the operating theatre for surgery under general and regional anaesthesia
D.W42	The student characterizes the directions of observation of the patient during surgery, including basic and extended monitoring
D.W43	The student knows the course of anaesthesia and the principles and methods of patient care after anaesthesia
D.W44	The student characterizes the regional anaesthesia methods and the anaesthesiological nurse's tasks during and after regional anaesthesia
D.W45	The student recognizes the life-threatening conditions and describes monitoring conducted with and without the use of apparatus
D.W46	The student explains the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support (ALS – <i>advanced life support</i> )
D.W47	The student knows the rules of prevention of infections in intensive care units and operating block
D.U1	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation
D.U2	The student recognizes determinants of health preservation for care recipients depending on age and health condition
D.U5	The student conducts prevention of complications in the course of diseases
D.U13	The student documents the health situation of the patient, its dynamics of changes and provided nursing care
D.U16	The student recognizes the emergency health-threatening condition
D.U17	The student performs automatic defibrillation (AED) and airway clearance without the use of apparatus
D.U19	The student conducts enteral and parenteral nutrition for adults and children using various techniques, including a rotary-peristaltic pump
D.U20	The student recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment
D.U21	The student looks after the patient with a fistula, endotracheal tube and tracheotomy tube
D.U25	The student conducts, documents and evaluates the patient's fluid balance
D.U26	The student provides information on the patient's health condition to the members of the therapeutic team
D.U27	The student assists a physician during diagnostic and treatment tests

D.U28	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D.U29	The student assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures
D.U32	The student adjusts nursing interventions to the type of nursing problems
D.U33	The student prepares and administers medications through different routes of administration, independently or on the order of a physician
D.K1	The student respects the dignity and autonomy of people entrusted to care
D.K2	The student systematically develops professional knowledge and skills, aiming at professionalism
D.K3	The student adheres to values, duties and moral skills in care
D.K4	The student shows moral responsibility for a person and performing professional tasks
D.K5	The student respects the patients' rights
D.K6	The student reliably and accurately performs assigned professional duties
D.K7	The student adheres to professional secrecy
D.K8	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics
D.K9	The student is open to the development of one's own and the patient's subjectivity
D.K10	The student manifests empathy in the relationship with the patient and his/her family and colleagues

<b>CURRICULUM CONTENT</b>			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures – semester 5</b>			
	<b>Physician's lecture</b>		
W01	Cardiac arrest. Principles of cardiopulmonary resuscitation in adults and children (including a newborn) (BLS and ALS). The boundaries of the resuscitation.	D06_K_W01	1
W02	Principles of cardiopulmonary resuscitation in children and newborns (BLS and ALS). The boundaries of the resuscitation.	D06_K_W18	1
W03	The methods and instruments used to clear the airways and artificial ventilation.	D06_K_W18	1
W04	Monitoring the vital signs (cardiovascular system, respiratory system, excretory system, water-electrolyte and acid-alkaline balance).	D06_K_W14 D06_K_W17	1
W05	Pharmacotherapy in cardiopulmonary resuscitation.	D06_K_W05	1
W06	Vascular access and its use. Nutrition, fluid therapy, fundamentals of the transfusion.	D06_K_W06	1
W07	Acute life-threatening condition in cardiology. Electrotherapy of life-threatening heart rhythm disorders.	D06_K_W01	2
W08	Shock– pathophysiology of different types of shock, clinical signs and therapeutic procedures.	D06_K_W01	1
W09	Acute respiratory failure, acute renal failure.	D06_K_W01	1
W10	Coma – etiopathogenesis, diagnosis, assessment of the depth of the coma, procedures.	D06_K_W01	1
W11	Patient with the multiple accidental trauma.	D06_K_W01	1

W12	Patient with burns.	D06_K_W01	1
W13	Anaesthesia – types of anaesthesia, pharmacology of general and regional anaesthesia, principles of patient preparation for surgery and monitoring during and after surgery.	D06_K_W15	2
	<b>Total physician's lecture:</b>	<b>15</b>	
	<b>Nurse's lecture</b>		
W14	The role and tasks of a nurse in the therapeutic team in the intensive care unit.	D06_K_W07 D06_K_W08 D06_K_W09	1
W15	The development of anaesthesiological and intensive care nursing	D06_K_W10	1
W16	Status epilepticus – procedures in the health and life-threatening condition..	D06_K_W02 D06_K_W03 D06_K_W06 D06_K_W07	1
W17	Nursing care of patients with endocrine disorders: thyroid, adrenocortical crisis.	D06_K_W02 D06_K_W03 D06_K_W06 D06_K_W07	1
W18	Nursing care of patients with acute respiratory failure and renal failure.	D06_K_W02 D06_K_W03 D06_K_W18	1
W19	Participation of a nurse in patient care during the period of peri-transplant: kidney, pancreas.	D06_K_W03 D06_K_W06	1
W20	Enteral and parenteral nutrition in ICU patients.	D06_K_W03 D06_K_W06	0,5
W21	Vascular access ports.	D06_K_W04 D06_K_W06	0,5
W22	Anaesthesia – types, anaesthesia risk assessment, medications used in anaesthesia, complications.	D06_K_W15 D06_K_W16	1
W23	Preparation of the patient for anaesthesia. Looking after the patient after general and local anaesthesia.	D06_K_W13	1
W24	Basic life resuscitation (BLS)	D06_K_W18	1
W25	Pharmacotherapy and oxygen therapy in resuscitation and intensive care	D06_K_W05	1
W26	Organisation and standards of intensive care units equipment	D06_K_W10	1
W27	Monitoring of the patient in intensive care unit, with and without the use of apparatus	D06_K_W17	1
W28	Nurse's tasks in the ICU patient care after surgery	D06_K_W14	1
W29	Patient care in the case of sepsis.	D06_K_W03	1
	<b>Total nurse's lecture:</b>	<b>15</b>	
<b>Form of classes: practical classes *</b>			
	<b>Semester 5</b>		
C01	Principles of cardiopulmonary resuscitation in adults and children (BLS and ALS).	D06_K_U05 D06_K_U06	2
C02	Practical principles of keeping the clearance of the airways of the ICU patients. Quitting from mechanical ventilation "weaning"	D06_K_U05 D06_K_U06	1

C03	Care of the unconscious patient in intensive care unit – methods of stimulation (music therapy, aromatherapy, basic stimulation, therapeutic touch).	D06_K_U02 D06_K_U05 D06_K_U14	1
C04	Care of the patient with an injury. Scaling the severity of AIS, RTS damage.	D06_K_U01 D06_K_U02 D06_K_U03 D06_K_U04 D06_K_U05 D06_K_U07 D06_K_U10 D06_K_U11	1
C05	Nursing care of the patient with venous, vascular, central and arterial access.	D06_K_U05 D06_K_U14	1
C06	Immobilisation – complications, care for immobilised patients.	D06_K_U05 D06_K_U14	1
C07	Care of patients after surgery in ICU	D06_K_U05 D06_K_U14	1
C08	Care of patients in shock	D06_K_U05 D06_K_U14	1
C09	Care of patients with acute respiratory failure	D06_K_U05 D06_K_U14	1
C10	Care of patients with acute cardiac failure	D06_K_U05 D06_K_U14	1
C11	Care of patients with renal failure	D06_K_U05 D06_K_U09 D06_K_U14	1
C12	Care patients with burns	D06_K_U05 D06_K_U14	1
C13	Poisonings – first aid, care for the ICU patient	D06_K_U05 D06_K_U14	1
C14	Care of patients with thoracic drainage	D06_K_U05 D06_K_U14	1
	<b>Hours in total: practical classes – semester 5</b>		<b>15</b>
<b>Form of classes: classes without participation of an academic teacher (BNA)</b>			
	<b>Semester 5</b>		
BNA01	Procedures and standards in the intensive care.	D06_K_W02 D06_K_W11 D06_K_W12 D06_K_W13 D06_K_W14 D06_K_W19	30
	<b>Hours in total: BNA – semester 5</b>		<b>30</b>
<b>Form of classes: practical classes *</b>			
	<b>Semester 6</b>		
ZP01	Documentation applicable in the ITM ward.	D06_K_U04 D06_K_U12	5

ZP02	ICU procedures regarding the patient with multiple accidental trauma.	D06_K_U01 D06_K_U03 D06_K_U04 D06_K_U05 D06_K_U07 D06_K_U10 D06_K_U11	8
ZP03	Patient in coma: causes in adults and children, symptoms, procedures, prognosis.	D06_K_U01 D06_K_U03 D06_K_U04 D06_K_U05 D06_K_U07 D06_K_U10 D06_K_U11	8
ZP04	Procedures regarding the patient with sepsis.	D06_K_U01 D06_K_U03 D06_K_U04 D06_K_U05 D06_K_U07 D06_K_U10 D06_K_U11	8
ZP05	Cardiopulmonary resuscitation in hospital conditions: guidelines. Resuscitation kit: defibrillator, medicinal kit, procedures.	D06_K_U05 D06_K_U06	6
ZP06	Methods of clearing the airways.	D06_K_U05 D06_K_U06	5
	<b>Hours in total: practical classes – semester 6</b>		<b>40</b>
<b>Form of classes: professional training *</b>			
	<b>Semester 6</b>		
PZ01	Knowledge of the specificity of functioning of the anaesthesiology and intensive care unit (regulations, occupational health and safety, standards, labour policies to prevent the spread of in-ward infections).	---	4
PZ02	Nursing standards of procedures applicable in the ward in the particular nurse's workplace.	D06_K_U01 D06_K_U04 D06_K_U12	4
PZ03	Methods of taking medical history, planning principles, implementation and assessment of actions taken (nursing process, nursing diagnosis).	D06_K_U01	4
PZ04	Methods and principles of administration of pharmacological means (regarding side effects and interactions with other medications and routes of administration) in the anaesthesiology and intensive care unit.	D06_K_U07 D06_K_U15	2
PZ05	Indications for treatment in the intensive care unit.	D06_K_U05	1
PZ06	Planning of nursing care depending on the identified condition.	D06_K_U03 D06_K_U14	4
PZ07	Upgrading skills related to communication with the patient, his/her family and the therapeutic team in the verbal and non-verbal way.	D06_K_U10	1
PZ08	Keeping nursing documentation in the ward.	D06_K_U12	1
PZ09	Familiarizing with the medical equipment used in the ward and acquiring the ability to read and interpret its measurements.	D06_K_U08	2

PZ10	Assisting the physician during performing specialised procedures.	D06_K_U11	2
PZ11	Care of the unconscious patient.	D06_K_U14	2
PZ12	Participation in the resuscitation procedure in the event of cardiac arrest.	D06_K_U06 D06_K_U11	1
PZ13	Feeding depending on the method of feeding (enterally and parenterally).	D06_K_U16	1
PZ14	Participation in the rehabilitation of the patient in intensive care.	D06_K_U14	1
PZ15	Learning about the ways of sterilisation and maintenance of anaesthetic equipment.	D06_K_U08	1
PZ16	Learning about the methods and techniques of anaesthesia used in anaesthesiology	D06_K_U14	1
PZ17	Measurement of the central venous pressure.	D06_K_U14	1
PZ18	Measurement of body temperature (surface and central) with the use of available techniques.	D06_K_U14	1
PZ19	Measurement of pulse oximetry.	D06_K_U14	1
PZ20	Assessment of respiratory capacity in terms of frequency, depth and nature of the breath.	D06_K_U14	1
PZ21	Assessment of the state of consciousness of the patient, the colour of the skin, temperature, humidity, tension and lesions on the skin of the patient, pupil reaction of the patient.	D06_K_U14	1
PZ22	Application of the principles of the sanitary regime.	D06_K_U12	1
PZ23	Differentiation of acute and chronic pain.	D06_K_U13	1
PZ24	Characterization of pain treatment methods and techniques.	D06_K_U13	1
<b>Hours in total: professional training – semester 6</b>		<b>40</b>	

#### Correlation of particular types of classes

Semester	W	CW	BNA	ZP	PZ
5	W01-W29	C01-C14	BNA01	---	---
	---	---	---	---	---
6	---	---	---	---	---
	---	---	---	ZP01-ZP06	---
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module. Targeted form of the exam: OSCE.				
	---	---	---	---	PZ01-PZ24

Note: practical training classes may be started only after the end of theoretical education, while professional practice - only after the end of practical training classes.

#### The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes

Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D06_K_W01	W01 W07-W12	---	---	---	test	---	---	---
D06_K_W02	W16-W18 BNA01	---	---	---	test	---	---	---
D06_K_W03	W16-W20 W29	---	---	---	test	---	---	---

D06_K_W04	W21	---	---	---	test	---	---	---
D06_K_W05	W05 W25	---	---	---	test	---	---	---
D06_K_W06	W06 W16-W17 W19-W21	---	---	---	test	---	---	---
D06_K_W07	W14 W16-W17	---	---	---	test	---	---	---
D06_K_W08	W14	---	---	---	test	---	---	---
D06_K_W09	W14	---	---	---	test	---	---	---
D06_K_W10	W15 W26	---	---	---	test	---	---	---
D06_K_W11	BNA01	---	---	---	test	---	---	---
D06_K_W12	BNA01	---	---	---	test	---	---	---
D06_K_W13	W23 BNA01	---	---	---	test	---	---	---
D06_K_W14	W04 W28 BNA01	---	---	---	test	---	---	---
D06_K_W15	W13 W22	---	---	---	test	---	---	---
D06_K_W16	W22	---	---	---	test	---	---	---
D06_K_W17	W04 W27	---	---	---	test	---	---	---
D06_K_W18	W02-W03 W18 W24	---	---	---	test	---	---	---
D06_K_W19	BNA01	---	---	---	test	---	---	---
D06_K_U01	---	C04	ZP02 ZP03 ZP04	PZ02 PZ03	---	demonstration of skills	nursing process	preparation of the report
D06_K_U02	---	C03 C04	---	---	---	demonstration of skills	---	---
D06_K_U03	---	C04	ZP02 ZP03 ZP04	PZ06	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U04	---	C04	ZP01 ZP02 ZP03 ZP04	PZ02	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U05	---	C01- C14	ZP02 ZP03 ZP04 ZP05 ZP06	PZ05	---	demonstration of skills	demonstration of skills	preparation of the report



D06_K_U06	---	C01 C02	ZP05 ZP06	PZ12	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U07	---	C04	ZP02 ZP03 ZP04	PZ03	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U08	---	---	---	PZ09 PZ15	---	---	---	preparation of the report
D06_K_U09	---	C11	---	---	---	demonstration of skills	---	---
D06_K_U10	---	C04	ZP02 ZP03 ZP04	PZ07	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U11	---	C04	ZP02 ZP03 ZP04	PZ10 PZ12	---	demonstration of skills	demonstration of skills	preparation of the report
D06_K_U12	---	---	ZP01	PZ02 PZ08 PZ22	---	---	demonstration of skills	preparation of the report
D06_K_U13	---	---	---	PZ23 PZ24	---	---	---	preparation of the report
D06_K_U14	---	C03 C05- C14	---	PZ06 PZ22 PZ14 PZ16 PZ17 PZ18 PZ19 PZ20 PZ21	---	demonstration of skills	---	preparation of the report
D06_K_U15	---	---	---	PZ03	---	---	---	preparation of the report
D06_K_U16	---	---	---	PZ13	---	---	---	preparation of the report
D06_K_K01	---	all	all	all	---	360° observation	360° observation	360° observation
D06_K_K02	---	all	all	all	---	360° observation	360° observation	360° observation
D06_K_K03	---	all	all	all	---	360° observation	360° observation	360° observation
D06_K_K04	---	all	all	all	---	360° observation	360° observation	360° observation

D06_K_K05	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D06_K_K06	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D06_K_K07	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D06_K_K08	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D06_K_K09	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion
D06_K_K10	---	all	all	all	---	360° observat ion	360° observat ion	360° observat ion

#### Teaching methods, method of implementation and evaluation

<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture. Crediting lectures: final assessment test for a grade.</p>
<b>Practical classes</b>	<p>Practical classes are mandatory. They are conducted in groups. The potential absence should be made up of consultations that should be carried out at the place of the practical classes. In practical classes, educational outcomes regarding skills are implemented. Completing the practical classes: for a grade. Credits carried out practically, under simulated conditions (in the simulation hall of low fidelity). In the case of completion with the use of OSCE, the completion of exercises is carried out at appropriately prepared stations, then students perform the same task, which is evaluated by means of a checklist (it is indicated on these tasks, the implementation of which is necessary to pass the task). Each learning outcome is credited separately; rated from 2.0 to 5.0. The condition for obtaining a pass from the classes is to pass all the learning outcomes in the field of skills.</p>
<b>Practical training classes</b>	<p>Practical training classes are conducted in natural conditions, i.e. in medical facilities. Participation in practical training classes is obligatory. Practical training classes are started after completion of practical classes in simulated conditions. Prepared by the student process of nursing a patient with a selected disease is the result of practical training classes. NOTE: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> </ul>

	<ul style="list-style-type: none"> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<p><b>Final exam from the module</b></p>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>If the exam is carried out in accordance with the OSCE procedures, each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<p><b>Professional training</b></p>	<p>Professional training is carried out in a healthcare facility. Detailed educational outcomes regarding knowledge, skills and social competences are included in the "Practical Training Register". Confirmation of the achievement of the learning outcomes indicated in it is made by the supervisor of professional training, who is an employee of the healthcare facility.</p> <p>Professional training is completed with a grade (grades: from 2.0 to 5.0).</p> <p>NOTE: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on overall nursing care for the patient in a life-threatening condition in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> </ul>

	<ul style="list-style-type: none"> <li>• administration of medications through different routes.</li> <li>• oxygen supply,</li> <li>• physiotherapeutic treatment,</li> <li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>• taking procedures to facilitate excretion,</li> <li>• nursing procedures and treatment of the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>		
<b>Student's workload</b> ( <i>practical classes are marked with an asterisk</i> )			
Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	15 hours + 15 hours	30
	Participation in practical classes *	15 hours	15*
	Participation in practical training classes *	40 hours	40*
	Participation in consultations related to classes *	2 hours for each type of classes (physician's lecture, nurse's lecture, BNA, practical classes, practical training classes*, professional training*)	8 4*
Contact hours with the practical training supervisor on the part of the health care provider	Participation in professional training *	1 week	40*
Student's individual work	Preparation for practical classes *	15 hours	15*
	Preparation for practical training classes *	40 hours	40*
	Individual work related to the subject of BNA classes	30 hours	30
	Preparation for the final assessment test from lectures and BNA	5 hours	5
	Preparation of the nursing process (based on material collected during practical training classes) *	5 hours	5*
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)	10 10*
Total student's workload			<b>252</b>
<b>Quantity indicators</b>	Workload	Hours	ECTS
	Student's workload associated with classes that require direct teacher participation	97	2,7
	Student's workload associated with classes that do not require direct teacher participation	155	4,3
	* Student's workload associated with practical classes	169	4,7
	* Student's workload associated with theoretical classes	83	2,3

<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>• Wytyczne resuscytacji 2015. (Guidelines for resuscitation 2015.), Kraków 2015</li> <li>• Gucwa J., Madej T. red. Zaawansowane zabiegi resuscytacyjne i wybrane stany nagłe. (Advanced life support procedures and selected emergency states.), Kraków: Medycyna Praktyczna 2013</li> <li>• Wołowicka L., Dyk D. Anestezjologia i intensywne opiece. (Anaesthesiology and intensive care.), Klinika i pielęgniarstwo. Podręcznik dla studiów medycznych. (Clinic and nursing. Coursebook for medical studies.), Warszawa: PZWL 2007</li> <li>• Szreter T. red. Anestezjologia i intensywne opiece u dzieci. (Anesthesiology and intensive care in children.), Wrocław: Urban &amp; Partner. 2007</li> <li>• Kamiński B., Kübler A. (red.): Anestezjologia i intensywne opiece. (Anaesthesiology and intensive care), Wyd. Lek. PZWL, Warszawa 2002.</li> <li>• Larsen R.: Anestezjologia. (Anaesthesiology.), Urban&amp;Partner, Wrocław 2003.</li> <li>• Marino P.: Intensywne opiece. (Intensive care.), Urban&amp;Partner, Wrocław 2001.</li> <li>• Rozporządzenie Ministra Zdrowia z dnia 16 grudnia 2016 r. w sprawie standardu organizacyjnego opieki zdrowotnej w dziedzinie anestezjologii i intensywnej terapii. (Regulation of the Minister of Health of 16 December 2016 on the standard of organisational healthcare in anaesthesiology and intensive care.), Dz.U.2016 poz. (Journal of Laws, item) 2218.</li> </ul>
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>• Widomska-Czekajka T.: Intensywne opiece wewnętrzne i pielęgniarstwo (Intensive internal care and nursing care), PZWL, Warszawa 1990.</li> <li>• Mayzner-Zawadzka (red). Procedury w Intensywnej terapii. (Procedures in the intensive care.), Med. media Warszawa 2009</li> <li>• Ostre stany zagrożenia życia w chorobach wewnętrznych (Acute life-threatening condition in internal diseases), pod red. F. Kokota. PZWL Warszawa 2009</li> <li>• Stany zagrożenia życia. Postępowanie bezprzyrządowe (Life-threatening condition. Proceedings without the use of apparatus), pod red. W. Jurczyka i A. Łakomego. Kraków 2003</li> <li>• ABC intensywnej terapii (Fundamentals of intensive care), pod red. J. Jakubaszki. Górnicki Wydawnictwo Medyczne. Wrocław 2010</li> </ul>

**Grades – details (intermediate grades omitted: 3.5 and 4.5).**

Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D06_K_W01	The student does not name life-threatening symptoms in patients of different ages	The student names few life-threatening symptoms in patients of different ages	The student names most life-threatening symptoms in patients of different ages	The student names life-threatening symptoms in patients of different ages
D06_K_W02	The student does not know the principles of diagnosis in anaesthesiological nursing	The student knows some principles of diagnosis in anaesthesiological nursing	The student knows most principles of diagnosis in anaesthesiological nursing	The student knows all principles of diagnosis in anaesthesiological nursing
D06_K_W03	The student does not know the principles of planning the patient care depending on age and health condition	The student knows some principles of planning the patient care depending on age and health condition	The student knows most principles of planning the patient care depending on age and health condition	The student knows all principles of planning the patient care depending on age and health condition
D06_K_W04	The student does not know the principles of preparation, care during and after examination or diagnostic procedures regarding patients of different ages and health condition	The student knows some principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows most principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows all principles of preparation, care during and after examination or diagnostic procedures regarding patients of different ages and health condition
D06_K_W05	The student cannot characterize groups of medications and	The student imprecisely characterizes groups	The student quite precisely characterizes groups	The student precisely characterizes groups of medications and

	their effect on the patient's systems and organs in various life-threatening diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	of medications and their effect on the patient's systems and organs in various life-threatening diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	of medications and their effect on the patient's systems and organs in various life-threatening diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	their effect on the patient's systems and organs in various life-threatening diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D06_K_W06	The student cannot characterize nursing techniques and procedures used in patient care depending on age and health condition, in particular in patients who are in a life-threatening condition	The student imprecisely characterizes nursing techniques and procedures used in patient care, depending on age and health condition, in particular in patients who are in a life-threatening condition	The student quite precisely characterizes nursing techniques and procedures used in patient care, depending on age and health condition, in particular in patients who are in a life-threatening condition	The student precisely characterizes nursing techniques and procedures used in patient care, depending on age and health condition, in particular in patients who are in a life-threatening condition
D06_K_W07	The student does not know the principles of preparation of the patient for self-care, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student knows some principles of preparation of the patient for self-care, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student knows most principles of preparation of the patient for self-care, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student knows all principles of preparation of the patient for self-care, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition
D06_K_W08	The student does not differentiate the patient's reactions to illness and hospitalisation, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student imprecisely differentiates the patient's reactions to illness and hospitalisation, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student quite precisely differentiates the patient's reactions to illness and hospitalisation, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition	The student precisely differentiates the patient's reactions to illness and hospitalisation, depending on age and health condition, in particular in the case of patients who are in a life-threatening condition
D06_K_W09	The students does not know the role of a nurse in the admission of the patient to the anaesthesiological and intensive care unit depending on age and health condition;	The students imprecisely knows the role of a nurse in the admission of the patient to the anaesthesiological and intensive care unit depending on age and health condition;	The students quite precisely knows the role of a nurse in the admission of the patient to the anaesthesiological and intensive care unit depending on age and health condition;	The students precisely knows the role of a nurse in the admission of the patient to the anaesthesiological and intensive care unit depending on age and health condition;
D06_K_W10	The student does not know the specific principles of organisation of specialised care in the intensive care	The student knows some specific principles of organisation of specialised care in the intensive care	The student knows most specific principles of organisation of specialised care in the intensive care	The student knows all specific principles of organisation of specialised care in the intensive care

D06_K_W11	The student does not know the methods, techniques and tools for assessing awareness and consciousness	The student knows some methods, techniques and tools for assessing the state of awareness and consciousness	The student knows most methods, techniques and tools for assessing awareness and consciousness	The student knows all methods, techniques and tools for assessing the state of awareness and consciousness
D06_K_W12	The student does not know the standards and procedures for emergency procedures and life-saving procedures	The student knows some standards and procedures for emergency procedures and life-saving procedures	The student knows most standards and procedures for emergency procedures and life-saving procedures	The student knows all standards and procedures for emergency procedures and life-saving procedures
D06_K_W13	The student does not know the principles of preparation of the operating theatre for surgery under general and regional anaesthesia	The student knows some principles of preparation of the operating theatre for surgery under general and regional anaesthesia	The student knows most principles of preparation of the operating theatre for surgery under general and regional anaesthesia	The student knows all principles of preparation of the operating theatre for surgery under general and regional anaesthesia
D06_K_W14	A student is not able to characterize the directions of observation of the patient during surgery, including basic and extended monitoring	The student imprecisely characterizes the directions of observation of the patient during surgery, including basic and extended monitoring	The student quite precisely characterizes the directions of observation of the patient during surgery, including basic and extended monitoring	The student precisely characterizes the directions of observation of the patient during surgery, including basic and extended monitoring
D06_K_W15	The student does not know the course of anaesthesia and the principles and methods of patient care after anaesthesia	The student imprecisely knows the course of anaesthesia and the principles and methods of patient care after anaesthesia	The student quite precisely knows the course of anaesthesia and the principles and methods of patient care after anaesthesia	The student precisely knows the course of anaesthesia and the principles and methods of patient care after anaesthesia
D06_K_W16	A student is not able to characterize regional anaesthesia methods and tasks of the anaesthesiological nurse during and after regional anaesthesia	The student imprecisely characterizes the regional anaesthesia methods and the anaesthesiological nurse's tasks during and after regional anaesthesia	The student quite precisely characterizes the regional anaesthesia methods and the anaesthesiological nurse's tasks during and after regional anaesthesia	The student precisely characterizes the regional anaesthesia methods and the anaesthesiological nurse's tasks during and after regional anaesthesia
D06_K_W17	The student does not recognize the life-threatening conditions and describes monitoring conducted with and without the use of apparatus	The student recognizes some life-threatening conditions and describes some monitoring methods with and without the use of apparatus	The student recognizes most life-threatening conditions and describes most monitoring methods with and without the use of apparatus	The student recognizes all life-threatening conditions and describes all monitoring methods with and without the use of apparatus
D06_K_W18	The student cannot explain the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support	The student imprecisely explains the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support	The student quite precisely explains the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support	The student precisely explains the algorithms of resuscitation procedures in the scope of basic life support (BLS – <i>basic life support</i> ) and advanced life support

	(ALS – <i>advanced life support</i> )	(ALS – <i>advanced life support</i> )	(ALS – <i>advanced life support</i> )	(ALS – <i>advanced life support</i> )
D06_K_W19	The student does not know the rules of prevention of infections in intensive care units and operating block	The student knows some rules of prevention of infections in intensive care units and operating block	The student knows most rules of prevention of infections in intensive care units and operating block	The student knows all rules of prevention of infections in intensive care units and operating block
D06_K_U01	The student cannot collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation in caring for the patient in the anaesthesiology and intensive care unit	The student can collect some information, prepares imprecisely a nursing diagnosis, sets out imprecisely objectives and a care plan, implements imprecisely nursing interventions and makes imprecisely care evaluation for the patient in the anaesthesiology and intensive care unit	The student can collect most information, prepares quite precisely a nursing diagnosis, sets out quite precisely objectives and a care plan, implements quite precisely nursing interventions and makes quite precisely care evaluation for the patient in the anaesthesiology and intensive care unit	The student can collect all information, prepares precisely a nursing diagnosis, sets out precisely objectives and a care plan, implements precisely nursing interventions and makes precisely care evaluation for the patient in the anaesthesiology and intensive care unit
D06_K_U02	The student cannot recognize the determinants of maintaining the health of care recipients of different ages and health condition, staying in the anaesthesiology and intensive care unit	The student recognizes some determinants of maintaining the health of care recipients of different ages and health condition, staying in the anaesthesiology and intensive care unit	The student recognize most determinants of maintaining the health of care recipients of different ages and health condition, staying in the anaesthesiology and intensive care unit	The student recognizes all determinants of maintaining the health of care recipients of different ages and health condition, staying in the anaesthesiology and intensive care unit
D06_K_U03	The student cannot conduct prevention of complications in the course of diseases in patients staying in the anaesthesiology and intensive care unit	The student imprecisely conducts prevention of complications in the course of diseases in patients staying in the anaesthesiology and intensive care unit	The student quite precisely conducts prevention of complications in the course of diseases in patients staying in the anaesthesiology and intensive care unit	The student precisely conducts prevention of complications in the course of diseases in patients staying in the anaesthesiology and intensive care unit
D06_K_U04	The student cannot document the health situation of the ICU patient, its dynamics of changes and provided nursing care	The student imprecisely documents the health situation of the patient staying in the anaesthesiology and intensive care unit, its dynamics of changes and provided nursing care	The student quite precisely documents the health situation of the patient staying in the anaesthesiology and intensive care unit, its dynamics of changes and provided nursing care	The student precisely documents the health situation of the patient staying in the anaesthesiology and intensive care unit, its dynamics of changes and provided nursing care
D06_K_U05	The student cannot identify the emergency health-threatening condition	The student identifies some emergency health-threatening condition	The student identifies most emergency health-threatening condition	The student identifies all emergency health-threatening condition
D06_K_U06	The student is not able to perform automatic defibrillation (AED) and airway clearance	The student imprecisely performs automatic defibrillation (AED) and airway clearance	The student quite precisely performs automatic defibrillation (AED) and airway clearance	The student precisely performs automatic defibrillation (AED) and airway clearance



	without the use of apparatus	without the use of apparatus	without the use of apparatus	without the use of apparatus
D06_K_U07	The student cannot recognize complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in patients staying in the anaesthesiology and intensive care unit	The student recognizes some complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in patients staying in the anaesthesiology and intensive care unit	The student recognizes most complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in patients staying in the anaesthesiology and intensive care unit	The student recognizes all complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in patients staying in the anaesthesiology and intensive care unit
D06_K_U08	The student is not able to look after the patient with a fistula, endotracheal tube and tracheotomy tube	The student inaccurately looks after the patient with a fistula, endotracheal tube and tracheotomy tube	The student quite accurately looks after the patient with a fistula, endotracheal tube and tracheotomy tube	The student accurately looks after the patient with a fistula, endotracheal tube and tracheotomy tube
D06_K_U09	The student cannot conduct, document and assess the balance of fluids in the ICU patient	The student imprecisely conducts, documents and assesses the ICU patient's fluid balance	The student quite precisely conducts, documents and assesses the balance of fluids in the ICU patient	The student precisely conducts, documents and assesses the ICU patient's fluid balance
D06_K_U10	The student cannot provide information on the ICU patient's health condition to the members of the therapeutic team	The student imprecisely provides information on the ICU patient's health condition to the members of the therapeutic team	The student quite precisely provides information on the ICU patient's health condition to the members of the therapeutic team	The student precisely provides information on the ICU patient's health condition to the members of the therapeutic team
D06_K_U11	The student cannot assist the physician during diagnostic and treatment tests in the ICU patient	The student can assist the physician during some diagnostic and therapeutic tests in the ICU patient	The student can assist the physician during most diagnostic and treatment tests in the ICU patient	The student can assist the physician during all diagnostic and therapeutic tests in the ICU patient
D06_K_U12	The student cannot keep records of the ICU patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student imprecisely keeps records of the ICU patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student quite precisely keeps records of the ICU patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student precisely keeps records of the ICU patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D06_K_U13	The student is not able to assess the level of pain, the patient's reaction to pain and increase in pain intensity and is	The student imprecisely assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures	The student quite precisely assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures	The student precisely assesses the level of pain, the patient's reaction to pain and increase in pain intensity, applies analgesic procedures

	not able to apply the analgesic procedures			
D06_K_U14	The student does not adjust nursing interventions to the type of the ICU patient nursing problems	The student imprecisely adjusts nursing interventions to the type of the ICU patient nursing problems	The student quite precisely adjusts nursing interventions to the type of the ICU patient nursing problems	The student precisely adjusts nursing interventions to the type of the ICU patient nursing problems
D06_K_U15	The student is not able to prepare and administer medications to the ICU patient through various routes of administration, independently or on the order of a physician (to the disabled patients).	The student prepares and administers some medications through different routes of administration to the ICU patient, independently or on the order of a physician.	The student prepares and administers most medications to the ICU patient through various routes of administration, independently or on the order of a physician.	The student prepares and administers all medications through different routes of administration to the ICU patient, independently or on the order of a physician.
D06_K_U16	The student does not conduct enteral and parenteral nutrition for the patient in a life-threatening condition (adults and children) with the use of different techniques	While conducting enteral and parenteral nutrition for the patient in a life-threatening condition (adults and children), the student makes significant mistakes, does not use different techniques	While conducting enteral and parenteral nutrition for the patient in a life-threatening condition (adults and children), the student makes insignificant mistakes, use most recommended techniques	The student professionally conducts enteral and parenteral nutrition for the patient in a life-threatening condition (adults and children) with the use of different techniques
D06_K_K01	The student does not respect the dignity and autonomy of people entrusted to the care in the anaesthesiology and intensive care unit.	The student partly respects the dignity and autonomy of people entrusted to the care in the anaesthesiology and intensive care unit	The student respects the dignity and autonomy of people entrusted to the care in the anaesthesiology and intensive care unit.	The student significantly respects the dignity and autonomy of people entrusted to the care in the anaesthesiology and intensive care unit
D06_K_K02	The student does not upgrade professional knowledge and skills in anaesthesiology and nursing in a life-threatening condition, to aim at professionalism.	The student partly upgrades professional knowledge and skills in anaesthesiology and nursing in a life-threatening condition, to aim at professionalism.	The student upgrades professional knowledge and skills in anaesthesiology and nursing in a life-threatening condition, to aim at professionalism.	The student significantly upgrades professional knowledge and skills in anaesthesiology and nursing in a life-threatening condition, to aim at professionalism.
D06_K_K03	The student does not adhere to values, responsibility and moral performance in patient care for the patient in a life-threatening condition	The student partly adheres to values, responsibility and moral performance in patient care for the patient in a life-threatening condition	The student adheres to values, responsibility and moral performance in patient care for the patient in a life-threatening condition	The student significantly adheres to values, responsibility and moral performance in patient care for the patient in a life-threatening condition
D06_K_K04	The student does not manifest moral responsibility for a human and professional tasks in anaesthesiology	The student partly manifests moral responsibility for a human and professional tasks in anaesthesiology	The student manifests moral responsibility for a human and professional tasks in anaesthesiology	The student significantly manifests moral responsibility for a human and professional tasks in anaesthesiology

	and nursing in a life-threatening condition	and nursing in a life-threatening condition	and nursing in a life-threatening condition	and nursing in a life-threatening condition
D06_K_K05	The student does not respect the rights of the ICU patient	The student partly respects the rights of the ICU patient	The student respect well the rights of the ICU patient	The student significantly respects the rights of the ICU patient
D06_K_K06	The student reliably and accurately performs assigned professional duties in anaesthesiology and nursing in a life-threatening condition	The student partly performs assigned professional duties in anaesthesiology and nursing in a life-threatening condition	The student performs assigned professional duties in anaesthesiology and nursing in a life-threatening condition	The student reliably and very accurately performs assigned professional duties in anaesthesiology and nursing in a life-threatening condition
D06_K_K07	The student does not adhere to professional secrecy regarding the ICU patient	The student partly adheres to professional secrecy regarding the ICU patient	The student adheres well to professional secrecy regarding the ICU patient	The student significantly adheres to professional secrecy regarding the ICU patient
D06_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the patient in a life-threatening condition.	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the patient in a life-threatening condition.	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the patient in a life-threatening condition.	The student independently and significantly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the patient in a life-threatening condition.
D06_K_K09	The student is open for the development of one's own subjectivity and subjectivity of the patient in a life-threatening condition	The student is partly open for the development of one's own subjectivity and subjectivity of the patient in a life-threatening condition	The student is open for the development of one's own subjectivity and subjectivity of the patient in a life-threatening condition	The student is significantly open for the development of one's own subjectivity and subjectivity of the patient in a life-threatening condition
D06_K_K10	The student does not manifest empathy in the relationship with the patient in a life-threatening condition and his/her family and colleagues	The student manifests partial empathy in the relationship with the patient in a life-threatening condition and his/her family and colleagues	The student manifests empathy in the relationship with the patient in a life-threatening condition and his/her family and colleagues	The student manifests great empathy in the relationship with the patient in a life-threatening condition and his/her family and colleagues

## PIE1.D07. Rehabilitation and caring for the disabled

<b>Field of study</b>	<b>NURSING</b>	<b>Level</b>		1st degree		
		<b>Form of study</b>		Stationary		
		<b>Profile</b>		practical		
<b>Course</b>	<b>Rehabilitation and caring for the disabled</b>	<b>Code</b>	PIE1.D07	<b>ECTS points</b>	10	
<b>Unit</b>	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
<b>Status of course / Modular block</b>			Obligatory D. Specialised nursing care			
<b>Year</b>	<b>Semester</b>	<b>Form of classes, hours and ECTS points for separate forms of classes</b>				
		<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
		<b>Theoretical education</b>			<b>Practical education</b>	
4	7	<b>10 + 10</b>	<b>10</b>	<b>30</b>	---	---
<b>Form of crediting</b>		<b>ZO</b>	<b>ZO</b>	<b>ZO</b>	---	---
<b>ECTS</b>		<b>2.5</b>			---	---
4	7	---	---	---	<b>80</b>	---
<b>Form of crediting</b>		---	---	---	<b>ZO</b>	---
<b>ECTS</b>		---	---	---	<b>4.5</b>	---
<b>4</b>	<b>7</b>	<b>FINAL OSCE EXAM</b>				
4	7	---	---	---	---	<b>80</b>
<b>Form of crediting</b>		---	---	---	---	<b>ZO</b>
<b>ECTS</b>		---			---	<b>3.0</b>
<b>Education area in direction of studies</b>	Medical sciences, health sciences and physical education sciences					
<b>Field of science</b>	Health Sciences.					
<b>Language of lectures</b>	English					
<b>Prerequisites</b>	Knowledge within the following modules: D01. Internal medicine and internal nursing. D02. Paediatrics and paediatric nursing. D03. Surgery and surgical nursing . D08. Neurology and neurological nursing.					
<b>Educational goal</b>	<ul style="list-style-type: none"> <li>• Providing students with basic knowledge about the essence, objectives and tasks of rehabilitation and the specificity of caring for the disabled.</li> <li>• Developing the ability to use knowledge regarding rehabilitation in caring for the disabled of all ages, in various medical specialties and at various stages of healthcare</li> <li>• Indication of the possibilities of social adaptation and integration of people with permanent</li> </ul>					

disabilities			
Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
<b>Educational outcomes regarding knowledge</b>			
D07_K_W01	The student knows the principles of planning the disabled patient care depending on age and health condition	D.W6	+++
D07_K_W02	The student characterizes nursing techniques and procedures used in the disabled patient care depending on age and health condition	D.W9	+++
D07_K_W03	The student knows the principles of preparing the disabled patient for self-care depending on age and health condition	D.W10	+++
D07_K_W04	The student differentiates the disabled patient's reactions to disease and hospitalisation, depending on age and health condition	D.W11	+++
D07_K_W05	The student knows the role of a nurse in admission of the disabled person to a hospital ward or a healthcare facility with a rehabilitative profile depending on the age and health condition	D.W12	+++
D07_K_W06	The student knows the principles of activation of the disabled patient depending on age and health condition	D.W17	+++
D07_K_W07	The student knows the consequences of long-term immobilisation of the disabled person	D.W25	+++
D07_K_W08	The student knows the basic directions of therapeutic rehabilitation of the disabled (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)	D.W37	+++
D07_K_W09	The student characterizes the course and methods of rehabilitation procedures in specific diseases in the disabled patients	D.W38	+++
D07_K_W10	The student knows the forms of occupational rehabilitation of the disabled	D.W39	+++
<b>Educational outcomes regarding skills</b>			
D07_K_U01	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation in caring for the disabled patient (nursing process)	D.U1	+++
D07_K_U02	The student recognizes determinants of health preservation for the disabled patient depending on age and health condition	D.U2	+++
D07_K_U03	The student provides counselling regarding self-care of the disabled patients of different ages and health condition	D.U3	+++
D07_K_U04	The student motivates the disabled patient and his/her caretakers to join social support groups	D.U4	+++
D07_K_U05	The student conducts prevention of complications in the	D.U5	+++

	course of diseases that are the cause of disability		
D07_K_U06	The student documents the health situation of the disabled patient, its dynamics of changes and provided nursing care	D.U13	++
D07_K_U07	The student instructs the disabled patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	D.U18	++
D07_K_U08	The student recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in the disabled patients	D.U20	++
D07_K_U09	The student conducts a therapeutic conversation with the disabled patient	D.U22	++
D07_K_U10	The student conducts bedside rehabilitation and the disabled patient's motorical improvement and activation with the use of occupational therapy elements	D.U24	++
D07_K_U11	The student provides information on the disabled patient's health condition to the members of the therapeutic team	D.U26	++
D07_K_U12	The student assists the physician during diagnostic and treatment tests in the disabled patients	D.U27	++
D07_K_U13	The student keeps records of the disabled patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	D.U28	++
D07_K_U14	The student adjusts nursing interventions to the type of nursing problems regarding the disabled patient	D.U32	++
D07_K_U15	The student prepares and administers medications through different routes of administration, independently or on the order of a physician (to the disabled patients)	D.U33	++
<b>Educational outcomes regarding social competences</b>			
D07_K_K01	The student respects the dignity and autonomy of people entrusted to care and hospitalised in a hospital rehabilitation ward or staying in a healthcare facility with a rehabilitative profile	D.K1	++
D07_K_K02	The student systematically upgrades professional knowledge and skills regarding rehabilitation and caring for the disabled, aiming at professionalism	D.K2	++
D07_K_K03	The student adheres to values, responsibilities and moral skills in patient care associated with the disabled patient	D.K3	++
D07_K_K04	The student demonstrates moral responsibility for a human and for professional tasks within rehabilitation and caring for the disabled	D.K4	++
D07_K_K05	The student respects the rights of the disabled patient	D.K5	++
D07_K_K06	The student reliably and accurately performs entrusted professional duties regarding rehabilitation and caring for the disabled	D.K6	++
D07_K_K07	The student adheres to professional secrecy regarding the disabled patient	D.K7	++
D07_K_K08	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the disabled patient	D.K8	++
D07_K_K09	The student is open to the development of his own and the disabled patient's subjectivity	D.K9	++
D07_K_K10	The student manifests empathy in the relationship with the	D.K10	++

	disabled patient and his/her family and colleagues		
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the educational outcome</b>	<b>Description of the educational outcome</b>		
D.W6	The student knows the principles of planning the patient care depending on age and health condition		
D.W9	The student characterizes nursing techniques and procedures used in patient care depending on age and health condition		
D.W10	The student knows the principles of preparing the patient for self-care depending on age and health condition		
D.W11	The student differentiates the patient's reactions to disease and hospitalisation, depending on age and health		
D.W12	The student knows the role of a nurse in admission of a patient to a healthcare facility depending on age and the patient's health condition		
D.W17	The student knows the principles of activation of a disabled and geriatric patient		
D.W25	The student knows the consequences of long-term immobilisation		
D.W37	The student knows the basic directions of therapeutic rehabilitation (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)		
D.W38	The student characterizes the course and methods of rehabilitation procedures in specific diseases		
D.W39	The student knows the forms of occupational rehabilitation		
D.U1	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation		
D.U2	The student recognizes determinants of health preservation for care recipients depending on age and health condition		
D.U3	The student provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions		
D.U4	The student motivates the patient and his/her caretakers to join social support groups		
D.U5	The student conducts prevention of complications in the course of diseases		
D.U13	The student documents the health situation of the patient, its dynamics of changes and provided nursing care		
D.U18	The student instructs the patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives		
D.U20	The student recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment		
D.U22	The student conducts a therapeutic conversation		
D.U24	The student conducts bedside rehabilitation and patient motorical improvement and activation with the use of occupational therapy elements		
D.U26	The student provides information on the patient's health condition to the members of the therapeutic team		
D.U27	The student assists a physician during diagnostic and treatment tests		
D.U28	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care		
D.U32	The student adjusts nursing interventions to the type of nursing problems		
D.U33	The student prepares and administers medications through different routes of administration, independently or on the order of a physician		

D.K1	The student respects the dignity and autonomy of people entrusted to care
D.K2	The student systematically develops professional knowledge and skills, aiming at professionalism
D.K3	The student adheres to values, duties and moral skills in care
D.K4	The student shows moral responsibility for a person and performing professional tasks
D.K5	The student respects the patients' rights
D.K6	The student reliably and accurately performs assigned professional duties
D.K7	The student adheres to professional secrecy
D.K8	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics
D.K9	The student is open to the development of his own and patient's subjectivity
D.K10	The student manifests empathy in the relationship with the patient and his/her family and colleagues

CURRICULUM CONTENT			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures</b>			
<b>Physician's lecture (physiotherapist)</b>			
W01	Definition and types of disabilities. Degrees of disabilities. Primary and secondary prevention of disabilities as an interdisciplinary task.	D07_K_W06	2
W02	Objectives, principles and stages of rehabilitation. Therapeutic, occupational, social and psychological rehabilitation.	D07_K_W01	1
W03	Rehabilitation of people with physical disabilities. Modern methods and techniques of rehabilitation of patients. Orthopaedic equipment and accessories – division, application, principles of orthopaedic supply.	D07_K_W06 D07_K_W09	2
W04	Rehabilitation of mentally disabled people.	D07_K_W09	1
W05	Behavioural therapy methods.	D07_K_W09	1
W06	Rehabilitation of people with sight and hearing impairment. Orthopaedic supplies.	D07_K_W09	1
W07	The importance of multidirectional systemic impact in rehabilitation.	D07_K_W09	1
W08	Rights and privileges of the disabled.	D07_K_W10	1
<b>Total physician's lecture (physiotherapist):</b>		<b>10</b>	
<b>Nurse's lecture</b>			
W09	Nursing in the health resort rehabilitation.	D07_K_W02 D07_K_W05 D07_K_W08	1
W10	Communication with the disabled – language and communication techniques.	D07_K_W04 D07_K_W05	2
W11	Integration of the disabled in the living, working, learning and educational environment.	D07_K_W04 D07_K_W05	2
W12	Ergonomics and rehabilitation.	D07_K_W08	2
W13	Social and family aspects of the disabled person's functioning. The role of a nurse in taking care of the family and the individual.	D07_K_W03 D07_K_W08	1



W14	The disabled person and the environment.	D07_K_W03 D07_K_W08	1
W15	Safe environment for the disabled.	D07_K_W03 D07_K_W08	1
	<b>Total nurse's lecture:</b>		<b>10</b>
<b>Form of classes: practical classes *</b>			
C01	Rehabilitation of the disabled – scope of nurse's actions.	D07_K_U02 D07_K_U03 D07_K_U04 D07_K_U05 D07_K_U06	2
C02	Rehabilitation of the mentally disabled people, people with damage to the musculoskeletal system and senses – nurse's tasks.	D07_K_U02 D07_K_U03 D07_K_U04 D07_K_U05 D07_K_U06	2
C03	Communication with the disabled person – language and communication techniques.	D07_K_U09	2
C04	Nurse's participation in comprehensive rehabilitation.	D07_K_U02 D07_K_U03 D07_K_U04 D07_K_U05 D07_K_U06	2
C05	Integration of the disabled in the living, working and learning environment.	D07_K_U02 D07_K_U03 D07_K_U04 D07_K_U05 D07_K_U06	1
C06	Elements of occupational therapy. Arttherapy, art therapy.	D07_K_U10	1
	<b>Hours in total: practical classes</b>		<b>10</b>
<b>Form od classes: classes without participation of an academic teacher (BNA)</b>			
BNA01	Occupational therapy: a therapeutic project for the disabled person.	D07_K_W06	10
BNA02	The consequences of restrictions on physical activity of the disabled person. Prevention of complications in the course of diseases that are the cause of disabilities.	D07_K_W07	10
BNA03	Principles of psychotherapy of the disabled.	D07_K_W08	10
	<b>Hours in total: BNA</b>		<b>30</b>
<b>Form of classes: practical classes *</b>			
ZP01	The specificity of functioning of the rehabilitation ward (regulations, occupational health and safety regulations, standards).	D07_K_U13	10
ZP02	Standards of nursing care procedures regarding patient rehabilitation, applicable in the ward	D07_K_U13	10
ZP03	Methods and principles of administration of pharmacological means (regarding side effects and interactions with other medications)	D07_K_U08 D07_K_U15	10
ZP04	Methods of taking medical history, planning principles, implementation and assessment of actions taken (nursing	D07_K_U01	10

	process, nursing diagnosis)				
ZP05	Selected concepts in the rehabilitation of people with various disabilities	D07_K_U02 D07_K_U14	10		
ZP06	Principles of the patient's improvement depending on the type and degree of disability – selection of equipment and techniques of rehabilitation.	D07_K_U07	10		
ZP07	Collaboration in the therapeutic team (surgeon, physiotherapist, orthopaedic technician, psychologist, nurse).	D07_K_U11 D07_K_U12	10		
ZP08	The specificity of the nurse's work with the rehabilitated people in the hospital ward.	D07_K_U11 D07_K_U12	10		
	<b>Hours in total: practical training classes</b>		<b>80</b>		
<b>Form of classes: professional training *</b>					
PZ01	Selected concepts in the rehabilitation of people with various disabilities.	D07_K_U02 D07_K_U14	8		
PZ02	The specificity of functioning of the rehabilitation ward (regulations, occupational health and safety regulations, standards)	D07_K_U13	8		
PZ03	Standards of nursing care procedures regarding patient rehabilitation, applicable in the ward.	D07_K_U13	8		
PZ04	Principles of the patient's improvement depending on the type and degree of disability – selection of equipment and techniques of rehabilitation.	D07_K_U07	8		
PZ05	Collaboration in the therapeutic team (surgeon, physiotherapist, orthopaedic technician, psychologist, nurse).	D07_K_U11 D07_K_U12	8		
PZ06	The specificity of the nurse's work with the rehabilitated people in the ward.	D07_K_U11 D07_K_U12	8		
PZ07	The emotional states of the patient related to the removal of the limb (the possibility of returning to social and professional activity).	D07_K_U09	8		
PZ08	Physical and mental problems of the patient and his relatives associated with limb amputation.	D07_K_U09	8		
PZ09	Rehabilitation, orthopaedic equipment – principles of granting and using.	D07_K_U03	8		
PZ10	Patient and family education on self-service in everyday activities.	D07_K_U03	8		
	<b>Hours in total: professional training</b>		<b>80</b>		
<b>Correlation of particular types of classes</b>					
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
7	W01-W15	C01-C06	BNA01-BNA03	---	---
	---	---	---	ZP01-ZP08	---
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module. Targeted form of the exam: OSCE.				
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Note: practical training classes may be started only after the end of theoretical education, while professional practice - only after the end of practical training classes.					
<b>The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes</b>					
<b>Educational</b>	<b>Forms of classes</b>			<b>Verification methods</b>	

outcome code	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D07_K_W01	W02	---	---	---	test	---	---	---
D07_K_W02	W09	---	---	---	test	---	---	---
D07_K_W03	W13-W15	---	---	---	test	---	---	---
D07_K_W04	W10-W11	---	---	---	test	---	---	---
D07_K_W05	W09-W11	---	---	---	test	---	---	---
D07_K_W06	W01 W03 BNA01	---	---	---	test	---	---	---
D07_K_W07	BNA02	---	---	---	test	---	---	---
D07_K_W08	W09 W12-W15 BNA03	---	---	---	test	---	---	---
D07_K_W09	W03-W07	---	---	---	test	---	---	---
D07_K_W10	W08	---	---	---	test	---	---	---
D07_K_U01	---	---	ZP04	---	---	---	nursing process	---
D07_K_U02	---	C01-C02 C04-C05	ZP05	PZ01	---	demonst ration of skills	demonst ration of skills	preparati on of the report
D07_K_U03	---	C01-C02 C04-C05	---	PZ09 PZ10	---	demonst ration of skills	---	preparati on of the report
D07_K_U04	---	C01-C02 C04-C05	---	---	---	---	demonst ration of skills	---
D07_K_U05	---	C01-C02 C04-C05	---	---	---	---	demonst ration of skills	---
D07_K_U06	---	C01-C02 C04-C05	---	---	---	---	demonst ration of skills	---
D07_K_U07	---	---	ZP06	PZ04	---	---	demonst ration of skills	preparati on of the report
D07_K_U08	---	---	ZP03	---	---	---	demonst ration of skills	---
D07_K_U09	---	C03	---	PZ07 PZ08	---	demonst ration of skills	---	preparati on of the report
D07_K_U10	---	C06	---	---	---	demonst ration of skills	---	---
D07_K_U11	---	---	ZP07 ZP08	PZ05 PZ06	---	---	demonst ration of skills	preparati on of the report
D07_K_U12	---	---	ZP07 ZP08	PZ05 PZ06	---	---	demonst ration of skills	preparati on of the report
D07_K_U13	---	---	ZP01	PZ02	---	---	demonst	preparati

			ZP02	PZ03			ration of skills	on of the report
D07_K_U14	---	---	ZP05	PZ01	---	---	demonstration of skills	preparation of the report
D07_K_U15	---	---	ZP03	---	---	---	demonstration of skills	---
D07_K_K01	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K02	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K03	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K04	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K05	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K06	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K07	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K08	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K09	---	all	all	all	---	360° observation	360° observation	360° observation
D07_K_K10	---	all	all	all	---	360° observation	360° observation	360° observation

#### Teaching methods, method of implementation and evaluation

<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture. Crediting lectures: final assessment test for a grade.</p>
<b>Practical classes</b>	<p>Practical classes are mandatory. They are conducted in groups. The potential absence should be made up of consultations that should be carried out at the place of the practical classes. It is recommended to conduct practical classes in the form of workshops (in simulated conditions). In practical classes, educational outcomes regarding skills are implemented. Completing the practical classes: for a grade. Credits carried out practically, under simulated conditions (in the simulation hall of low fidelity). In the case of completion with the use of OSCE, the completion of exercises is carried out at appropriately prepared stations, then students perform the same task, which is evaluated by means of a checklist (it is indicated on these tasks, the implementation of which is necessary to</p>

	<p>pass the task).</p> <p>Each learning outcome is credited separately; rated from 2.0 to 5.0.</p> <p>The condition for obtaining a pass from the classes is to pass all the learning outcomes in the field of skills.</p>
<b>Practical training classes</b>	<p>Practical training classes are conducted in natural conditions, i.e. in healthcare facilities, and in simulated conditions (also in the Medical Simulation Centre). Participation in practical training classes is obligatory. Practical training classes are started after completion of practical classes in simulated conditions.</p> <p>Prepared by the student process of nursing a patient with a selected disease is the result of practical training classes.</p> <p>NOTE: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<b>Final exam from the module</b>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>The exam is conducted in accordance with the OSCE procedure. Each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<b>Professional training</b>	<p>Professional training is carried out in a healthcare facility. Detailed educational outcomes regarding knowledge, skills and social competences are included in the "Practical Training Register". Confirmation of the achievement of the learning outcomes indicated in it is made by the supervisor of professional training, who is an employee of the healthcare facility.</p> <p>Professional training is completed with a grade (grades: from 2.0 to 5.0).</p> <p>NOTE: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and</li> </ul>

	<p>prepare a nursing process;</p> <ul style="list-style-type: none"> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on overall nursing care for the disabled patient in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> <li>• administration of medications through different routes.</li> <li>• oxygen supply,</li> <li>• physiotherapeutic treatment,</li> <li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>• taking procedures to facilitate excretion,</li> <li>• nursing procedures and treatment of the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>
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**Student's workload** (*practical classes are marked with an asterisk*)

Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	10 hours + 10 hours	20
	Participation in practical classes *	10 hours	10*
	Participation in practical training classes *	80 hours	80*
	Participation in consultations related to classes *	2 hours for each type of classes (physician's lecture, nurse's lecture, BNA, practical classes, practical training classes*, professional training*)	8 4*
Contact hours with the practical training supervisor on the part of the health care provider	Participation in professional training *	2 weeks	80*
Student's individual work	Preparation for practical classes *	10 hours	10*
	Preparation for practical training classes *	80 hours	80*

	Individual work related to the subject of BNA classes	30 hours	30	
	Preparation for the final assessment test from lectures and BNA	5 hours	5	
	Preparation of the nursing process (based on material collected during practical training classes) *	5 hours	5*	
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)	10 10*	
Total student's workload			<b>352</b>	
<b>Quantity indicators</b>	<b>Workload</b>	<b>Hours</b>	<b>ECTS</b>	
	Student's workload associated with classes that require direct teacher participation	122	3,5	
	Student's workload associated with classes that do not require direct teacher participation	230	6,5	
	* Student's workload associated with practical classes	279	7,9	
	* Student's workload associated with theoretical classes	73	2,1	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Juros A., Kirenko J., Majcher P. Rehabilitacja i pielęgnowanie osób niepełnosprawnych. (Rehabilitation and caring for the disabled.), Czelej Lublin 2002</li> <li>Ciechaniewicz W. (red.). Pielęgniarstwo. Ćwiczenia. (Nursing. Exercises.) T.I i II. (volume I and II) Wyd. Lek. PZWL, Warszawa 2006.</li> <li>Kiwski J. (red.), Rehabilitacja medyczna. (Medical Rehabilitation.), Wydawnictwo Lekarskie PZWL. Warszawa 2005.</li> </ul>			
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>Kędziora-Kornatowska K., Muszaliak M., Krajewska-Kułak E., Wrońska I. Repetytorium z pielęgniarstwa (Compendium on nursing), PZWL Warszawa 2010</li> <li>Kwolek A. (red.). Rehabilitacja medyczna. (Medical rehabilitation.), T. 1-2. Urban &amp; Partner, Wrocław 2003.</li> <li>Milanowska K., Dega W. Rehabilitacja medyczna. (Medical Rehabilitation.), Wyd. Lek. PZWL, Warszawa 2001.</li> <li>Rutkowska E. (red.). Rehabilitacja i pielęgnowanie osób niepełnosprawnych. (Rehabilitation and caring for the disabled.), Czelej, Lublin 2002</li> </ul>			
<b>Forms of grades – details</b> (intermediate grades omitted: 3.5 and 4.5).				
<b>Educational outcomes</b>	<b>For grade 2</b>	<b>For grade 3</b>	<b>For grade 4</b>	<b>For grade 5</b>
D07_K_W01	The student does not know the principles of planning the disabled patient care depending on age and health condition	The student knows some principles of planning the disabled patient care depending on age and health condition	The student knows most principles of planning the disabled patient care depending on age and health condition	The student knows all principles of planning the disabled patient care depending on age and health condition
D07_K_W02	The student cannot characterize nursing techniques and procedures used in the disabled patient care depending on age and health condition	The student imprecisely characterizes nursing techniques and procedures used in the disabled patient care depending on age and health condition	The student quite precisely characterizes nursing techniques and procedures used in the disabled patient care depending on age and health condition	The student precisely characterizes nursing techniques and procedures used in the disabled patient care depending on age and health condition

D07_K_W03	The student does not know the principles of preparing the disabled patient for self-care depending on age and health condition	The student knows some principles of preparing the disabled patient for self-care depending on age and health condition	The student knows most principles of preparing the disabled patient for self-care depending on age and health condition	The student knows all principles of preparing the disabled patient for self-care depending on age and health condition
D07_K_W04	The student does not differentiate the disabled patient's reactions to disease and hospitalisation, depending on age and health	The student imprecisely differentiates the disabled patient's reactions to disease and hospitalisation, depending on age and health condition	The student quite precisely differentiates the disabled patient's reactions to disease and hospitalisation, depending on age and health	The student precisely differentiates the disabled patient's reactions to disease and hospitalisation, depending on age and health condition
D07_K_W05	The student does not know the role of a nurse in admission of the disabled person to a hospital ward or a healthcare facility with a rehabilitative profile depending on the age and health condition	The student imprecisely knows the role of a nurse in admission of the disabled person to a hospital ward or a healthcare facility with a rehabilitative profile depending on the age and health condition	The student quite precisely knows the role of a nurse in admission of the disabled person to a hospital ward or a healthcare facility with a rehabilitative profile depending on the age and health condition	The student precisely knows the role of a nurse in admission of the disabled person to a hospital ward or a healthcare facility with a rehabilitative profile depending on the age and health condition
D07_K_W06	The student does not know the principles of activation of the disabled patient depending on age and health condition	The student knows selected principles of activation of the disabled patient depending on age and health condition	The student knows most principles of activation of the disabled patient depending on age and health condition	The student professionally characterizes the principles of activation of the disabled patient depending on age and health condition
D07_K_W07	The student does not know the consequences of long-term immobilisation of the disabled person	The student knows some consequences of long-term immobilisation of the disabled person	The student knows most consequences of long-term immobilisation of the disabled person	The student professionally presents the consequences of long-term immobility of the disabled person
D07_K_W08	The student does not present the basic directions of therapeutic rehabilitation of the disabled (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)	The student incompletely presents some basic directions of therapeutic rehabilitation of the disabled (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)	The student generally presents most basic directions of therapeutic rehabilitation of the disabled (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)	The student efficiently presents the basic directions of therapeutic rehabilitation of the disabled (ergotherapy, psychotherapy, kinesitherapy, physiotherapy)
D07_K_W09	The student does not characterize the course and methods of rehabilitation procedures in specific diseases in the disabled patients	The student to a small degree, with significant mistakes, characterizes the course and methods of rehabilitation procedures in diseases in the disabled patients	The student to a large degree, with insignificant mistakes, characterizes the course and methods of rehabilitation procedures in diseases in the disabled patients	The student characterizes in detail the course and methods of rehabilitation procedures in specific diseases in the disabled patients



D07_K_W10	The student does not know the forms of occupational rehabilitation of the disabled	The student knows some forms of occupational rehabilitation of the disabled	The student knows most forms of occupational rehabilitation of the disabled	The student precisely describes the forms of occupational rehabilitation of the disabled
D07_K_U01	The student is not able to collect information, prepare a nursing diagnosis, set goals and care plan, implement nursing interventions and evaluate care in the care of the disabled patient (grade 2.0 for the nursing process)	The student can collect some information, prepares imprecisely a nursing diagnosis, sets out imprecisely objectives and a care plan, implements imprecisely nursing interventions and makes imprecisely care evaluation in the care of the disabled patient (grade 3.0 for the nursing process)	The student is able to gather most information, quite precisely prepares a nursing diagnosis, quite precisely sets the goals and care plan, quite precisely implements nursing interventions and quite accurately evaluates care in the care of the disabled patient (grade 4.0 for the nursing process)	The student is able to gather all information, precisely prepares a nursing diagnosis, precisely sets the goals and care plan, precisely implements nursing interventions and precisely evaluates care in the care of the disabled patient (grade 5.0 for the nursing process)
D07_K_U02	The student does not recognize determinants of health preservation for the disabled patient depending on age and health condition	The student recognizes only some determinants of health preservation for the disabled patient depending on age and health condition	The student recognizes most determinants of health preservation for the disabled patient depending on age and health condition	The student professionally recognizes determinants of health preservation for the disabled patient depending on age and health condition
D07_K_U03	The student does not provide counselling regarding self-care of the disabled patients of different ages and health condition	The student to a small degree provides counselling regarding self-care of the disabled patients of different ages and health condition	The student quite professionally provides counselling regarding self-care of the disabled patients of different ages and health condition	The student provides counselling regarding self-care of the disabled patients of different ages and health condition
D07_K_U04	The student does not motivate the disabled patient and his/her caretakers to join social support groups	The student to a small degree motivates the disabled patient and his/her caretakers to join social support groups	The student to a large degree motivates the disabled patient and his/her caretakers to join social support groups	The student effectively motivates the disabled patient and his/her caretakers to join social support groups
D07_K_U05	The student is not able to conduct the prevention of the complications in the course of diseases that are the cause of disabilities	The student imprecisely conducts prevention of the complications in the course of diseases that are the cause of disabilities	The student quite precisely conducts prevention of the complications in the course of diseases that are the cause of disabilities	The student precisely conducts prevention of the complications in the course of diseases that are the cause of disabilities
D07_K_U06	The student cannot document the health situation of the disabled patient, its dynamics of changes and provided nursing care	The student imprecisely documents the health situation of the disabled patient, its dynamics of changes and provided nursing care	The student quite precisely documents the health situation of the disabled patient, its dynamics of changes and provided nursing care	The student precisely documents the health situation of the disabled patient, its dynamics of changes and provided nursing care
D07_K_U07	The student does not instruct the disabled patient and his/her	The student to a small degree instructs the disabled	The student professionally instructs the disabled	The student very professionally instructs the disabled

	caretaker how to use the care and rehabilitation equipment and aiding additives	patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives	patient and his/her caretaker how to use the care and rehabilitation equipment and aiding additives
D07_K_U08	The student cannot recognize complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in the disabled patients	The student recognizes some complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in the disabled patients	The student recognizes most complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in the disabled patients	The student recognizes all complications associated with pharmacological treatment, dietetic treatment, rehabilitation and therapeutic-nursing treatment in the disabled patients
D07_K_U09	The student does not conduct a therapeutic conversation with the disabled patient	The student to a small degree, omitting crucial elements, conducts a therapeutic conversation with the disabled patient	The student conducts a therapeutic conversation with the disabled patient, omitting minor elements	The student professionally conducts a therapeutic conversation with the disabled patient
D07_K_U10	The student does not conduct the bedside rehabilitation and motorical improvement of the disabled patient and/or does not conduct activation with the use of occupational therapy elements	The student to a small degree conducts the bedside rehabilitation and the motorical improvement of the disabled patient and activation with the use of occupational therapy elements	The student almost completely conducts the bedside rehabilitation and the motorical improvement of the disabled patient and activation with the use of occupational therapy elements	The student professionally conducts the bedside rehabilitation and motorical improvement of the disabled patient and activation with the use of occupational therapy elements
D07_K_U11	The student cannot provide information on the disabled patient's health condition to the members of the therapeutic team	The student imprecisely provides information on the disabled patient's health condition to the members of the therapeutic team	The student quite precisely provides information on the disabled patient's health condition to the members of the therapeutic team	The student precisely provides information on the disabled patient's health condition to the members of the therapeutic team
D07_K_U12	The student is unable to assist the physician during diagnostic and therapeutic tests in the disabled patients	The student can assist the physician during some diagnostic and therapeutic tests in the disabled patients	The student can assist the physician during most diagnostic and therapeutic tests in the disabled patients	The student can assist the physician during all diagnostic and therapeutic tests in the disabled patients
D07_K_U13	The student cannot keep records of the disabled patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student imprecisely keeps records of the disabled patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student quite precisely keeps records of the disabled patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	The student precisely keeps records of the disabled patient care: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care

D07_K_U14	The student does not adjust nursing interventions to the type of nursing problems regarding the disabled patient	The student imprecisely adjusts nursing interventions to the type of nursing problems regarding the disabled patient	The student quite precisely adjusts nursing interventions to the type of nursing problems regarding the disabled patient	The student precisely adjusts nursing interventions to the type of nursing problems regarding the disabled patient
D07_K_U15	The student is not able to prepare and administer medications through various routes of administration, independently or on the order of a physician (to the disabled patients).	The student prepares and administers some medications through different routes of administration, independently or on the order of a physician (to the disabled patients).	The student prepares and administers most medications through different routes of administration, independently or on the order of a physician (to the disabled patients).	The student prepares and administers all medications through different routes of administration, independently or on the order of a physician (to the disabled patients).
D07_K_K01	The student does not respect the dignity and autonomy of people entrusted to care and hospitalised in a hospital rehabilitation ward or staying in a healthcare facility with a rehabilitative profile	The student partly respects the dignity and autonomy of people entrusted to care and hospitalised in a hospital rehabilitation ward or staying in a healthcare facility with a rehabilitative profile	The student respects the dignity and autonomy of people entrusted to care and hospitalised in a hospital rehabilitation ward or staying in a healthcare facility with a rehabilitative profile	The student significantly respects the dignity and autonomy of people entrusted to care and hospitalised in a hospital rehabilitation ward or staying in a healthcare facility with a rehabilitative profile
D07_K_K02	The student does not upgrade professional knowledge and skills in rehabilitation and caring for the disabled, to aim at professionalism.	The student partly upgrades professional knowledge and skills in rehabilitation and caring for the disabled, to aim at professionalism.	The student upgrades professional knowledge and skills in rehabilitation and caring for the disabled, to aim at professionalism.	The student significantly upgrades professional knowledge and skills in rehabilitation and caring for the disabled, to aim at professionalism.
D07_K_K03	The student does not adhere to values, duties and moral efficiency in the disabled patient care.	The student partly adheres to values, duties and moral efficiency in the disabled patient care	The student adheres to values, duties and moral efficiency in the disabled patient care	The student significantly adheres to values, duties and moral efficiency in the disabled patient care
D07_K_K04	The student does not demonstrate moral responsibility for a human and for professional tasks within rehabilitation and caring for the disabled	The student demonstrates partial moral responsibility for a human and for professional tasks within rehabilitation and caring for the disabled	The student demonstrates moral responsibility for a human and for professional tasks within rehabilitation and caring for the disabled	The student demonstrates significant moral responsibility for a human and for professional tasks within rehabilitation and caring for the disabled
D07_K_K05	The student does not respect the disabled patients' rights	The student partly respects the disabled patients' rights	The student respects well to the he disabled patients' rights	The student significantly respects the disabled patients' rights
D07_K_K06	The student unreliably and inaccurately performs entrusted professional duties regarding rehabilitation and	The student partly performs entrusted professional duties regarding rehabilitation and caring for the disabled	The student performs entrusted professional duties regarding rehabilitation and caring for the disabled	The student reliably and very accurately performs entrusted professional duties regarding rehabilitation and caring for the

	caring for the disabled			disabled
D07_K_K07	The student does not adhere to professional secrecy regarding the disabled patient	The student partly adheres to professional secrecy regarding the disabled patient	The student quite well adheres to professional secrecy regarding the disabled patient	The student significantly adheres to professional secrecy regarding the disabled patient
D07_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the disabled patient	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the disabled patient	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the disabled patient	The student independently and significantly collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics, regarding the disabled patient
D07_K_K09	The student is not open to the development of one's own and the disabled patient's subjectivity	The student is partly open to the development of one's own and the disabled patient's subjectivity	The student is open to the development of one's own and the disabled patient's subjectivity	The student is significantly open to the development of one's own and the disabled patient's subjectivity
D07_K_K10	The student does not demonstrate empathy in the relationship with the disabled patient, his/her family and colleagues.	The student demonstrates partial empathy in the relationship with the disabled patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the disabled patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the disabled patient, his/her family and colleagues

## PIE1.D08. Neurology and neurological nursing

<b>Field of study</b>	<b>NURSING</b>	<b>Level</b>		1st degree		
		<b>Form of study</b>		Stationary		
		<b>Profile</b>		practical		
<b>Course</b>	<b>Neurology and neurological nursing</b>	<b>Code</b>	PIE1.D08	<b>ECTS points</b>	10.5	
<b>Unit</b>	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
<b>Status of course / Modular block</b>			Obligatory D. Specialised nursing care			
<b>Year</b>	<b>Semester</b>	<b>Form of classes, hours and ECTS points for separate forms of classes</b>				
		<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>
		<b>Theoretical education</b>			<b>Practical education</b>	
2	4	15 + 15	15	30	80	---
		---	---	---	---	40
<b>Form of crediting</b>		<b>ZO</b>	<b>ZO</b>	<b>ZO</b>	<b>ZO</b>	<b>ZAL (PASS)</b>
<b>ECTS</b>		3,5			4,5	1,5
3	5	---	---	---	---	40
<b>Form of crediting</b>		---	---	---	---	<b>ZAL (PASS)</b>
		<b>FINAL OSCE EXAM</b>				
<b>ECTS</b>		---			---	1.0
<b>Education area in direction of studies</b>	Medical sciences, health sciences and physical education sciences					
<b>Field of science</b>	Health Sciences.					
<b>Language of lectures</b>	English					
<b>Prerequisites</b>	Knowledge of the following subjects: D01. Internal medicine and internal nursing D03. Surgery and surgical nursing D08. Neurology and neurological nursing					
<b>Educational goal</b>	<ul style="list-style-type: none"> <li>Familiarizing students with aetiology, pathogenesis of selected neurological diseases and their diagnosis and treatment.</li> <li>Understanding the principles and characteristics of work in the neurological and stroke department.</li> <li>Development and improvement of professional skills within neurological patient care.</li> <li>Development of proper interpersonal relations between a nurse and a patient.</li> </ul>					

Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)
<b>Educational outcomes regarding knowledge</b>			
D08_K_W01	Characterizes the risk factors and health risks in neurological patients, taking their health condition into account	D.W2	+++
D08_K_W02	Knows the principles of diagnosis in neurological nursing	D.W5	+++
D08_K_W03	Knows the principles of planning the patient care depending on age and health condition	D.W6	+++
D08_K_W04	Knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding neurological patients of different ages and health condition	D.W7	+++
D08_K_W05	Characterizes groups of medications and their effect on the patient's systems and organs in various neurological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D08_K_W06	Characterizes nursing techniques and procedures used in neurological patient care depending on age and health condition.	D.W9	
D08_K_W07	Knows the principles of preparing the neurological patient for self-care depending on age and health condition	D.W10	
D08_K_W08	Differentiates the neurological patient's reactions to disease and hospitalisation, depending on age and health.	D.W11	
D08_K_W09	Knows the role of a nurse in admission of the neurological patient to a healthcare facility depending on age and health condition	D.W12	
D08_K_W10	Knows the specific principles of organisation of specialised neurological care	D.W14	
D08_K_W11	Knows the methods, techniques and tools for assessing awareness and consciousness of the neurological patient.	D.W26	
D08_K_W12	Explains pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications	D.W36	
D08_K_W13	Knows types of diagnostic tests used in neurological patients and knows the principles of ordering them.	D.W52	
<b>Educational outcomes regarding skills</b>			
D08_K_U01	Collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation.	D.U1	+++
D08_K_U02	Provides counselling regarding patient self-care in neurological diseases.	D.U3	+++
D08_K_U03	Motivates the patient and his/her caretakers to join social support groups.	D.U4	+++
D08_K_U04	Conducts prophylaxis of complications in the course of neurological diseases	D.U5	+++
D08_K_U05	Takes material for diagnostic tests (blood, secretions, excreta, swabs from body cavities).	D.U9	++

D08_K_U06	Assesses the general condition of the patient towards complications after specialised diagnostic tests of the nervous system.	D.U10	++
D08_K_U07	Prepares the patient for diagnostic tests of the nervous system in physical and mental dimension.	D.U12	++
D08_K_U08	Documents the health situation of the patient, its dynamics of changes and provided nursing care.	D.U13	++
D08_K_U09	Recognizes the complications of pharmacological treatment, dietetic treatment, rehabilitation, medical-nursing care in diseases of the nervous system.	D.U20	++
D08_K_U10	Provides information on the patient's health condition to the members of the therapeutic team.	D.U26	++
D08_K_U11	Assists the physician during diagnostic and therapeutic tests of the nervous system.	D.U27	++
D08_K_U12	Keeps records of patient care for the neurological patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	D.U28	++
D08_K_U13	Adjusts nursing interventions to the type of nursing problems regarding the neurological patient.	D.U32	++
D08_K_U14	Prepares and administers medications through different routes of administration, independently or on the order of a physician.	D.U33	++
D08_K_U15	Is able to recognize indications for specific diagnostic tests in the neurological patient and has the skills to issue referrals for specific diagnostic tests	D.U34	
<b>Educational outcomes regarding social competences</b>			
D08_K_K01	Respects the dignity and autonomy of people entrusted to care	D.K1	++
D08_K_K02	Systematically upgrades professional knowledge and skills regarding anaesthesiology and nursing in a life-threatening situation, aiming at professionalism	D.K2	++
D08_K_K03	Adheres to values, duties and moral skills in care	D.K3	++
D08_K_K04	Shows moral responsibility for a person and performing professional tasks	D.K4	++
D08_K_K05	Respects the patients' rights	D.K5	++
D08_K_K06	Reliably and accurately performs assigned professional duties	D.K6	++
D08_K_K07	Adheres to professional secrecy	D.K7	++
D08_K_K08	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics	D.K8	++
D08_K_K09	Is open to the development of his own and patient's subjectivity	D.K9	++
D08_K_K10	Manifests empathy in the relationship with the patient and his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
<b>Symbol of the educational outcome</b>	<b>Description of the educational outcome</b>		
D.W3	Explains etiopathogenesis, clinical symptoms, course, treatment, prognosis and nursing care in diseases of the nervous system		
D.W5	Explains the principles of diagnosis in neurological nursing		
D.W14	Characterises the specific principles of organisation of specialised neurological care		
D.W26	Knows the methods, techniques and tools for assessing awareness and consciousness		

D.W36	Explains pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications
D.W52	Knows types of diagnostic tests and knows the principles of ordering them
D.U1	Collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation
D.U3	Provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions
D.U4	Motivates the patient and his/her caretakers to join social support groups
D.U5	Conducts prophylaxis of complications in the course of diseases
D.U9	Takes material for diagnostic tests
D.U10	Assesses the general condition of the patient towards complications after specialised diagnostic tests and postoperative complications
D.U12	Prepares the patient for diagnostic tests in terms of physical and mental preparation
D.U13	Documents the health situation of the patient, its dynamics of changes and provided nursing care
D.U20	Recognizes complications associated with pharmacological treatment, dietetic treatment, rehabilitation and medical-nursing treatment
D.U26	Provides information on the patient's health condition to the members of the therapeutic team
D.U27	Assists a physician during diagnostic and treatment tests
D.U28	Keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D.U32	Adjusts nursing interventions to the type of nursing problems
D.U33	Prepares and administers medications through different routes of administration, independently or on the order of a physician
D.U34	Is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests
D.K1	Respects the dignity and autonomy of people entrusted to care
D.K2	Systematically develops professional knowledge and skills, aiming at professionalism
D.K3	Adheres to values, duties and moral skills in care
D.K4	Shows moral responsibility for a person and performing professional tasks
D.K5	Respects the patients' rights
D.K6	Reliably and accurately performs assigned professional duties
D.K7	Adheres to professional secrecy
D.K8	Collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics
D.K9	Is open to the development of his own and patient's subjectivity
D.K10	Manifests empathy in the relationship with the patient and his/her family and colleagues

CURRICULUM CONTENT			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures</b>			
<b>Physician's lecture</b>			
W01	Diagnosis of diseases of the nervous system – neurological examination, complementary tests.	D08_K_W01 D08_K_W05 D08_K_W10	1



		D08_K_W11 D08_K_W12	
W02	Syndromes and symptoms in neurology – motor dysfunction syndromes, sensory disorders, extrapyramidal syndromes, cerebellar syndrome, brain stem damage syndrome, core syndromes, brain hemisphere damage syndromes, muscular syndromes, peripheral nerve damage.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	2
W03	Disturbances of higher level nervous activity.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W04	Quantitative and qualitative consciousness disturbances. Dementia.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W05	Epilepsy.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W06	Cerebrovascular diseases.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	2
W07	Increased intracranial pressure syndromes.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W08	Neuroinfections.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W09	Brain injuries.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W10	Diseases of demyelination.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W11	Headaches and dizziness.	D08_K_W01 D08_K_W05	1

		D08_K_W10 D08_K_W11 D08_K_W12	
W12	Acute neurological syndromes. Procedures.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
W13	Basics of neurosurgery.	D08_K_W01 D08_K_W05 D08_K_W10 D08_K_W11 D08_K_W12	1
	<b>Total physician's lecture:</b>		<b>15</b>
	<b>Nurse's lecture</b>		
W14	Participation of a nurse in the therapeutic team.	D08_K_W02 D08_K_W03 D08_K_W04 D08_K_W06 D08_K_W07 D08_K_W08 D08_K_W09 D08_K_W13	1
W15	Modern neurological diagnosis – the role of a nurse in preparing the patient for tests and care after the tests.	D08_K_W02 D08_K_W03 D08_K_W04 D08_K_W06 D08_K_W07 D08_K_W08 D08_K_W09 D08_K_W13	4
W16	Principles of communication with the neurological patient	D08_K_W02 D08_K_W03 D08_K_W04 D08_K_W06 D08_K_W07 D08_K_W08 D08_K_W09 D08_K_W13	2
W17	Nursing problems regarding patients treated within the neurology and neurosurgery departments.	D08_K_W02 D08_K_W03 D08_K_W04 D08_K_W06 D08_K_W07 D08_K_W08 D08_K_W09 D08_K_W13	5
W18	The role of a nurse in thrombolytic treatment of patients. Organisation of Intensive Neurological Care.	D08_K_W02 D08_K_W03 D08_K_W04	3

		D08_K_W06 D08_K_W07 D08_K_W08 D08_K_W09 D08_K_W13	
	<b>Total nurse's lecture:</b>		<b>15</b>
<b>Form of classes: practical classes *</b>			
	<b>Semester 4</b>		
C01	Nursing patients with epilepsy	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	2
C02	Nursing patients with Parkinson's disease	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C03	Nursing patients with dementia	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C04	Nursing patients with multiple sclerosis	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	2
C05	Nursing patients with cerebrovascular diseases	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	3
C06	Nursing patients with a central nervous system tumour	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C07	Nursing patients with craniocerebral injury, spine injury and spinal cord injury	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C08	Nursing patients with discopathy	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C09	Nursing patients with peripheral nerve damage	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	1
C10	Nursing patients with myopathy and myasthenia.	D08_K_U01 D08_K_U02 D08_K_U03 D08_K_U04	2

	<b>Hours in total: practical classes – semester 5</b>	<b>15</b>	
<b>Form od classes: classes without participation of an academic teacher (BNA)</b>			
	<b>Semester 4</b>		
BNA01	Neurobic – how to cultivate memory.	all	5
BNA02	Principles of transfer and transport of patients	all	5
BNA03	Etiopathogenesis, symptoms, treatment and diagnosis of neurological diseases – further studies.	all	20
	<b>Hours in total: BNA – semester 4</b>	<b>30</b>	
<b>Form of classes: practical classes *</b>			
	<b>Semester 4</b>		
ZP01	The specificity of functioning of the neurological ward (regulations, health and safety regulations, standards).	---	10
ZP02	Nursing procedure standards applicable in the neurological ward.	D08_K_U04 D08_K_U05 D08_K_U06 D08_K_U10 D08_K_U11	10
ZP03	Admission of the patient to the neurological ward under urgent and scheduled procedures	D08_K_U07	10
ZP04	Methods and principles of administration of pharmacological means (regarding side effects and interactions with other medications).	D08_K_U09 D08_K_U14	8
ZP05	Methods of taking medical history, planning principles, implementation and assessment of actions taken towards the neurological patient (nursing process, nursing diagnosis).	D08_K_U01 D08_K_U04 D08_K_U07 D08_K_U13	8
ZP06	Communication with the neurological patients – difficulties occurring in communication.	D08_K_U08	8
ZP07	Symptoms of nervous system functioning disorders – differentiation and hierarchisation.	D08_K_U06 D08_K_U07	15
ZP08	Patient education regarding self-care and self-nursing.	D08_K_U02 D08_K_U03	6
ZP09	Keeping records of the patient with neurological diseases.	D08_K_U08 D08_K_U12	5
	<b>Hours in total: practical classes – semester 5</b>	<b>80</b>	
<b>Form of classes: professional training *</b>			
	<b>Semester 4</b>		
PZ01	Organisational assumptions, objectives of the professional training, a list of skills, assessment criteria. Organisation of the ward.	---	5
PZ02	The standard of admission of the patient to the neurological ward. Patient's records, ward's documentation.	D08_K_U04 D08_K_U10	5
PZ03	Collection of information about the patient with the use of known methods (observation, targeted interview, conversation, measurement, analysis of documentation, information from the therapeutic team members and family) for the purposes of nursing diagnosis and treatment.	D08_K_U01 D08_K_U06 D08_K_U10 D08_K_U11	10
PZ04	Diagnostic tests used in neurological diseases, preparation of the patient for examination, dealing with the patient after the tests.	D08_K_U05 D08_K_U06	5

				D08_K_U07 D08_K_U11				
PZ05	Therapy methods applied in the neurological ward, participation of the nurse, observation towards therapy complications.			D08_K_U04	5			
PZ06	Establishing a nursing diagnosis, care planning, implementation and assessment of effects of nursing activities in relation to the neurological patient and with regard to education.			D08_K_U08 D08_K_U13	10			
<b>Total semester 4</b>				<b>40</b>				
<b>Semester 5</b>								
PZ07	The standard of nursing care for the patient in a life-threatening condition in neurology.			D08_K_U06 D08_K_U08	15			
PZ08	Providing health education in the neurological ward. Preparation of the patient and his/her family for self-care and self-nursing.			D08_K_U02 D08_K_U03	10			
PZ09	Analysis the nursing process records in the neurological ward – results, conclusions for further patient care.			D08_K_U12	10			
PZ10	Participation in the pharmacological treatment of the patient with neurological diseases.			D08_K_U09 D08_K_U14	5			
<b>Total semester 5</b>				<b>40</b>				
<b>Correlation of particular types of classes</b>								
<b>Semester</b>	<b>W</b>	<b>CW</b>	<b>BNA</b>	<b>ZP</b>	<b>PZ</b>			
5	W01-W08	C01-C03	BNA01- BNA04	---	---			
	---	---	---	ZP01-ZP07	---			
	---	---	---	---	PZ01-PZ06			
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module.							
	---	---	---	---	PZ07-PZ10			
Note: practical training classes may be started only after the end of theoretical education, while professional practice - only after the end of practical training classes.								
<b>The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes</b>								
Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D08_K_W01	W01-W13	---	---	---	test	---	---	---
D08_K_W02	W14-W18	---	---	---	test	---	---	---
D08_K_W03	W14-W18	---	---	---	test	---	---	---
D08_K_W04	W14-W18	---	---	---	test	---	---	---
D08_K_W05	W01-W13	---	---	---	test	---	---	---
D08_K_W06	W14-W18	---	---	---	test	---	---	---
D08_K_W07	W14-W18	---	---	---	test	---	---	---
D08_K_W08	W14-W18	---	---	---	test	---	---	---
D08_K_W09	W14-W18	---	---	---	test	---	---	---
D08_K_W10	W01-W13	---	---	---	test	---	---	---
D08_K_W11	W01-W13	---	---	---	test	---	---	---
D08_K_W12	W01-W13	---	---	---	test	---	---	---
D08_K_W13	W14-W18	---	---	---	test	---	---	---

D08_K_U01	---	C01-C10	ZP05	PZ03	---	test	test	nursing process
D08_K_U02	---	C01-C10	ZP08	PZ08	---	test	---	test
D08_K_U03	---	C01-C10	ZP08	PZ08	---	test	test	test
D08_K_U04	---	C01-C10	ZP02 ZP05	PZ02 PZ05	---	test	---	test
D08_K_U05	---	---	ZP02	PZ04	---	---	test	test
D08_K_U06	---	---	ZP02 ZP07	PZ03 PZ04 PZ07	---	---	test	test
D08_K_U07	---	---	ZP03 ZP05 ZP07	PZ04	---	---	test	test
D08_K_U08	---	---	ZP06 ZP09	PZ06 PZ07	---	---	test	test
D08_K_U09	---	---	ZP04	PZ10	---	---	---	test
D08_K_U10	---	---	ZP12	PZ02 PZ03	---	---	test	test
D08_K_U11	---	---	ZP02	PZ03 PZ04	---	---	test	test
D08_K_U12	---	---	ZP05	PZ09	---	---	test	test
D08_K_U13	---	---	ZP05	PZ06	---	---	test	test
D08_K_U14	---	---	ZP04	PZ10	---	---	test	test
D08_K_U15	---	---	---	PZ10	---	---	---	test
D08_K_K01	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K02	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K03	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K04	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K05	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K06	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K07	all	all	all	all	test	test	test	test

							360 observat ion	360 observat ion
D08_K_K08	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K09	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D08_K_K10	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion

Teaching methods, method of implementation and evaluation	
<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p>Lecture with multimedia presentation and/or a conversational lecture. Crediting lectures: final assessment test for a grade.</p>
<b>Practical classes</b>	<p>Practical classes are mandatory. They are conducted in small groups. One unjustified absence from the classes is allowed. The absence should be made up of consultations that should be carried out at the place of the practical classes. The exercises deliver <u>educational outcomes regarding skills</u>. Completing the practical classes: for a grade. Credits carried out practically, under simulated conditions (in the simulation hall of low fidelity). In the case of completion with the use of OSCE, the completion of exercises is carried out at appropriately prepared stations, then students perform the same task, which is evaluated by means of a checklist (it is indicated on these tasks, the implementation of which is necessary to pass the task). Each learning outcome is credited separately; rated from 2.0 to 5.0. The condition for obtaining a pass from the classes is to pass all the learning outcomes in the field of skills. Simultaneously with the implementation of educational outcomes regarding skills, the educational outcomes <u>regarding social competences are implemented</u>. Assessment of the achievement of the educational outcomes is made by the teacher conducting the practical classes, as well as through student's self-assessment. Assessment of each educational outcome separately, grades rated from 2.0 to 5.0.</p>
<b>Practical training classes</b>	<p>Practical training classes are conducted in natural conditions, i.e. in medical facilities. Participation in practical training classes is obligatory. Practical training classes are started after completion of practical classes in the SCUP and SNUT rooms.</p> <p>In practical training classes the <u>educational outcomes regarding skills are implemented</u>, they verify and summarize the skills developed by students during classes conducted in a form of practical classes (including simulated conditions), but also allow practical application of knowledge acquired during lectures and classes without participation of an academic teacher (educational outcomes regarding knowledge). These are therefore summary outcomes. Detailed educational outcomes, implemented by students during practical training classes, are indicated in the "Practical Training Register".</p> <p>ATTENTION: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> </ul>

	<ul style="list-style-type: none"> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<p><b>Final exam from the module</b></p>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>The exam is conducted in accordance with the OSCE procedure. Each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<p><b>Professional training</b></p>	<p>Professional training is started only after completion of all preceding forms of classes and after passing the final examination from the module. It is unacceptable for the student to start professional training from the module without completion of lectures, practical classes or practical training classes, or in the case when the student did not pass the final exam from this module.</p> <p>Detailed educational outcomes regarding knowledge, skills and social competences are included in the "Practical Training Diary". Confirmation of the achievement of the learning outcomes indicated in it is made by the supervisor of professional training, who is an employee of the healthcare facility.</p> <p>The final assessment of professional training is established by the Head of the Professional Training Department.</p> <p>ATTENTION: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> </ul>



	<ul style="list-style-type: none"> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on overall nursing care for the neurological patient in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> <li>• administration of medications through different routes.</li> <li>• oxygen supply,</li> <li>• physiotherapeutic treatment,</li> <li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>• taking procedures to facilitate excretion,</li> <li>• nursing procedures and treatment of the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>
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<b>Student's workload</b>			
Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	15 hours +15 hours	30
	Participation in practical classes *	15 hours	15*
	Participation in practical training classes *	80 hours	80*
	Participation in consultations related to classes *	2 hours for each type of classes (physician's lecture, nurse's lecture, BNA, practical classes, practical training classes*, professional training*)	8 4*
Contact hours with the practical training supervisor on the part of the health care provider	Participation in professional training *	2 weeks	80*
Student's individual work	Preparation for practical classes *	15 hours	15*
	Preparation for practical training classes *	80 hours	80*
	Individual work related to the subject of BNA classes	30 hours	30
	Preparation for the final assessment test from lectures and BNA	5 hours	5
	Preparation of the nursing process *	5 hours	5*

	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)	10 10*	
Total student's workload			<b>367</b>	
<b>Quantity indicators</b>	Workload	Hours	ECTS	
	Student's workload associated with classes that require direct teacher participation	217	6,3	
	Student's workload associated with classes that do not require direct teacher participation	150	4,2	
	* Student's workload associated with practical classes	274	7,8	
	* Student's workload associated with theoretical classes	93	2,7	
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>Jaracz K, Kozubski W. Pielęgniarstwo neurologiczne. (Neurological nursing.), PZWL, Warszawa 2008</li> <li>Adamczyk K.: Pielęgniarstwo neurologiczne. (Neurological nursing.), Czelej, Lublin 2000.</li> <li>Fuller, Badanie neurologiczne – to proste. (Neurological examination - it's simple.), Wydawnictwo Lekarskie PZWL. Warszawa 2005.</li> <li>Adamkiewicz B., Głębiński A., Klimek A.: Neurologia dla studentów wydziału pielęgniarstwa. (Neurology for students of the nursing faculty.), ABC a Wolters Kluwer business, Warszawa 2010.</li> <li>Ślusarz R.: Wybrane standardy i procedury w pielęgniarstwie neurochirurgicznym. (Selected standards and procedures in neurosurgical nursing.), NRPIP, Warszawa 2008</li> </ul>			
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>Podstawy neurologii z opisami przypadków klinicznych. (Fundamentals of neurology with clinical case reports.), Red. Fiser U., Michałowska M. Termedia, Poznań 2010</li> <li>Stany nagłe w intensywnej opiece neurologicznej. (Emergency conditions in intensive neurological care.), Red. Mano E.M. Urban&amp;Partner, Wrocław 2013</li> <li>Adamczyk K. Pielęgowanie chorych po udarach mózgowych. (Patient nursing care after stroke.), Czelej. Lublin 2003</li> </ul>			
<b>Grades – details (intermediate grades omitted: 3.5 and 4.5).</b>				
Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D08_K_W01	The student does not characterize the risk factors and health risks in neurological patients, taking their health condition into account	The student characterizes some risk factors and health risks in neurological patients, taking to a small degree their health condition into account	The student characterizes most risk factors and health risks in neurological patients, taking to a large degree their health condition into account	The student characterizes the risk factors and health risks in neurological patients, taking their health condition into account
D08_K_W02	The student does not know the principles of diagnosis in neurological nursing	The student knows some principles of diagnosis in neurological nursing	The student knows most principles of diagnosis in neurological nursing	The student knows the principles of diagnosis in neurological nursing
D08_K_W03	The student does not know the principles of planning the patient care depending on age and health condition	The student knows some principles of planning the patient care depending on age and health condition	The student knows most principles of planning the patient care depending on age and health condition	The student knows the principles of planning the patient care depending on age and health condition

D08_K_W04	The student does not know the principles of preparation, care during and after examination or diagnostic procedures regarding neurological patients of different ages and health condition	The student knows some principles for preparation, care during and after examination, as well as diagnostic procedures regarding neurological patients of different ages and health condition	The student knows most principles for preparation, care during and after examination, as well as diagnostic procedures regarding neurological patients of different ages and health condition	The student knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding neurological patients of different ages and health condition
D08_K_W05	The student cannot characterize groups of medications and their effect on the patient's systems and organs in various neurological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student imprecisely characterizes groups of medications and their effect on the patient's systems and organs in various neurological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student quite precisely characterizes groups of medications and their effect on the patient's systems and organs in various neurological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student characterizes groups of medications and their effect on the patient's systems and organs in various neurological diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration
D08_K_W06	The student cannot characterize nursing techniques and procedures used in neurological patient care depending on age and health condition	The student imprecisely characterizes nursing techniques and procedures used in neurological patient care depending on age and health condition.	The student quite precisely characterizes nursing techniques and procedures used in neurological patient care depending on age and health condition.	The student characterizes nursing techniques and procedures used in neurological patient care depending on age and health condition.
D08_K_W07	The student does not know the principles of preparing the neurological patient for self-care depending on age and health condition	The student knows some principles of preparing the neurological patient for self-care depending on age and health condition	The student knows most principles of preparing the neurological patient for self-care depending on age and health condition	The student knows the principles of preparing the neurological patient for self-care depending on age and health condition.
D08_K_W08	The student does not differentiate the neurological patient's reactions to disease and hospitalisation, depending on age and health	The student imprecisely differentiates the neurological patient's reactions to disease and hospitalisation, depending on age and health condition	The student quite precisely differentiates the neurological patient's reactions to disease and hospitalisation, depending on age and health condition	The student differentiates the neurological patient's reactions to disease and hospitalisation, depending on age and health.
D08_K_W09	The student does not know the role of a nurse in admission of the neurological patient to a healthcare facility depending on age and health condition	The student imprecisely knows the role of a nurse in admission of the neurological patient to a healthcare facility depending on age and health condition	The student quite precisely knows the role of a nurse in admission of the neurological patient to a healthcare facility depending on age and health condition	The student knows the role of a nurse in admission of the neurological patient to a healthcare facility depending on age and health condition
D08_K_W10	The student does not know the specific principles of organisation of	The student knows some specific principles of organisation of	The student knows most specific principles of organisation of	The student knows the specific principles of organisation of

	specialised neurological care	specialised neurological care	specialised neurological care	specialised neurological care
D08_K_W11	The student does not know the methods, techniques and tools for assessing awareness and consciousness of the neurological patient	The student knows some methods, techniques and tools for assessing awareness and consciousness of the neurological patient.	The student knows most methods, techniques and tools for assessing awareness and consciousness of the neurological patient.	The student knows the methods, techniques and tools for assessing awareness and consciousness of the neurological patient.
D08_K_W12	The student does not explain pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications	The student to a small degree explains pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications	The student at a basic level explains pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications	The student explains pathophysiology of disorders occurring in the course of neurological origin diseases, injuries of the nervous system and potential complications
D08_K_W13	The student does not know types of diagnostic tests used in neurological patients and knows the principles of ordering them.	The student knows selected types of diagnostic tests used in neurological patients and knows the principles of ordering them	The student knows basic types of diagnostic tests used in neurological patients and knows basic principles of ordering them	The student knows types of diagnostic tests used in neurological patients and knows the principles of ordering them.
D08_K_U01	The student cannot collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation	The student can collect some information, prepares imprecisely a nursing diagnosis, sets out imprecisely objectives and a care plan, implements imprecisely nursing interventions and makes imprecisely care evaluation	The student can collect most information, prepares quite precisely a nursing diagnosis, sets out quite precisely objectives and a care plan, implements quite precisely nursing interventions and makes quite precisely care evaluation	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation.
D08_K_U02	The student cannot recognize determinants of health preservation for care recipients depending on age and health condition	The student recognizes some determinants of health preservation for care recipients depending on age and health condition	The student recognizes most determinants of health preservation for care recipients depending on age and health condition	The student provides counselling regarding patient self-care in neurological diseases.
D08_K_U03	The student does not motivate the patient and his/her caretakers to join social support groups	The student to a small degree motivates the patient and his/her caretakers to join social support groups	The student to a large degree motivates the patient and his/her caretakers to join social support groups	The student motivates the patient and his/her caretakers to join social support groups.
D08_K_U04	The student does not conduct prophylaxis of complications in the course of neurological diseases	The student conducts prophylaxis of complications in the course of neurological diseases to a small degree	The student conducts prophylaxis of complications in the course of neurological diseases at a basic level	The student conducts prophylaxis of complications in the course of neurological diseases
D08_K_U05	The student does not take material for diagnostic tests	The student has problems to take	The student takes material for most diagnostic tests	The student takes material for diagnostic tests

		material for diagnostic tests		(blood, secretions, excreta, swabs from body cavities).
D08_K_U06	The student does not assess the general condition of the patient towards complications after specialised diagnostic tests of the nervous system.	The student to a small degree, with mistakes, assesses the general condition of the patient towards complications after specialised diagnostic tests of the nervous system.	The student at a basic level assesses the general condition of the patient towards complications after specialised diagnostic tests of the nervous system	The student assesses the general condition of the patient towards complications after specialised diagnostic tests of the nervous system.
D08_K_U07	The student does not prepare the patient for diagnostic tests of the nervous system both physically and mentally	The student to a small degree prepares the patient for diagnostic tests of the nervous system both physically and mentally	The student at a basic level prepares the patient for diagnostic tests of the nervous system both physically and mentally	The student prepares the patient for diagnostic tests of the nervous system both physically and mentally.
D08_K_U08	The student does not document the health situation of the patient, its dynamics of changes and provided nursing care	The student to a small degree documents the health situation of the patient, its dynamics of changes and provided nursing care	The student at a basic level documents the health situation of the patient, its dynamics of changes and provided nursing care	The student documents the health situation of the patient, its dynamics of changes and provided nursing care.
D08_K_U09	The student does not recognize the complications of pharmacological treatment, dietetic treatment, rehabilitation, medical-nursing care in diseases of the nervous system.	The student recognizes some complications of pharmacological treatment, dietetic treatment, rehabilitation, medical-nursing care in diseases of the nervous system	The student recognizes basic complications of pharmacological treatment, dietetic treatment, rehabilitation, medical-nursing care in diseases of the nervous system.	The student recognizes the complications of pharmacological treatment, dietetic treatment, rehabilitation, medical-nursing care in diseases of the nervous system.
D08_K_U10	The student does not provide information on the patient's health condition to the members of the therapeutic team	The student to a small degree, imprecisely, provides information on the patient's health condition to the members of the therapeutic team	The student precisely provides information on the patient's health condition to the members of the therapeutic team	The student provides information on the patient's health condition to the members of the therapeutic team.
D08_K_U11	The student does not assist the physician during diagnostic and therapeutic tests of the nervous system	The student to a small degree assists the physician during diagnostic and therapeutic tests of the nervous system	The student at a basic level assists the physician during diagnostic and therapeutic tests of the nervous system	The student assists the physician during diagnostic and therapeutic tests of the nervous system.
D08_K_U12	The student does not keep records of patient care	The student to a small degree keeps records of patient care	The student keeps records of patient care almost without mistakes	The student keeps records of patient care for the neurological patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet

				with recommendations for self-care
D08_K_U13	The student does not adjust nursing interventions to the type of neurological patient nursing problems	The student to a small degree adjusts nursing interventions to the type of neurological patient nursing problems	The student to a large degree adjusts nursing interventions to the type of neurological patient nursing problems	The student adjusts nursing interventions to the type of nursing problems regarding the neurological patient.
D08_K_U14	The student does not prepare and does not administer medications through different routes of administration, independently or on the order of a physician	The student to a small degree prepares and administers medications through different routes of administration, independently or on the order of a physician	The student to a large degree prepares and administers medications through different routes of administration, independently or on the order of a physician	The student prepares and administers medications through different routes of administration, independently or on the order of a physician.
D08_K_U15	The student is not able to recognize indications for specific diagnostic tests and/or does not have the skills to issue referrals for specific diagnostic tests	The student to a small degree recognizes indications for specific diagnostic tests and has some skills to issue referrals for specific diagnostic tests	The student to a large degree recognizes indications for specific diagnostic tests and has quite good skills to issue referrals for specific diagnostic tests	The student is able to recognize indications for specific diagnostic tests in the neurological patient and has the skills to issue referrals for specific diagnostic tests
D08_K_K01	The student does not respect the dignity and autonomy of people entrusted to his/her care.	The student respects partly the dignity and autonomy of people entrusted to his/her care.	The student respects the dignity and autonomy of people entrusted to his/her care.	The student respects exemplary the dignity and autonomy of people entrusted to his/her care.
D08_K_K02	The student does not upgrade professional knowledge and does not develop skills to aim at professionalism	The student partly upgrades professional knowledge and skills to aim at professionalism.	The student develops professional knowledge and skills, aiming at professionalism.	The student exemplary upgrades professional knowledge and skills to aim at professionalism.
D08_K_K03	The student does not adhere to values, duties and moral efficiency in healthcare.	The student partly adheres to values, duties and moral efficiency in healthcare.	The student adheres to values, duties and moral efficiency in healthcare.	The student exemplary adheres to values, duties and moral efficiency in healthcare.
D08_K_K04	The student shows no moral responsibility for a person and performance of professional tasks.	The student shows partial moral responsibility for a person and performance of professional tasks.	The student shows moral responsibility for a person and performance of professional tasks.	The student shows exemplary moral responsibility for a person and performance of professional tasks.
D08_K_K05	The student does not respect the patients' rights.	The student partly respects the patients' rights	The student respects well the patients' rights	The student respects exemplary the patients' rights
D08_K_K06	The student performs professional duties unreliably and inaccurately.	The student performs partly professional duties.	The student performs professional duties.	The student performs professional duties reliably and accurately.
D08_K_K07	The student does not adhere to professional secrecy.	The student partly adheres to professional secrecy.	The student adhere well to professional secrecy.	The student exemplary adheres to professional secrecy.

D08_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.	The student independently and exemplary collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.
D08_K_K09	The student is not open to the development of their own and patient's subjectivity.	The student is partly open to the development of one's own and patient's subjectivity.	The student is open to the development of their own and patient's subjectivity.	The student is exemplary open to the development of their own and patient's subjectivity.
D08_K_K10	The student does not demonstrate empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates partial empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the patient, his/her family and colleagues.

## PIE1.D09. Geriatrics and geriatric nursing

Field of study	NURSING	Level		1st degree		
		Form of study		Stationary		
		Profile		practical		
Course	Geriatrics and geriatric nursing	Code	PIE1.D09	ECTS points	11,5	
Unit	Social and Medical Faculty Nursing and Midwifery Department (32) 264-74-75 ext. 12, <a href="mailto:dziekanat@wsps.pl">dziekanat@wsps.pl</a>					
Status of course / Modular block			Obligatory D. Specialised nursing care			
Year	Semester	Form of classes, hours and ECTS points for separate forms of classes				
		W	CW	BNA	ZP	PZ
		Theoretical education			Practical education	
3	5	20 + 20	30	30	---	---
Form of crediting		ZO	ZO	ZO	---	---
ECTS		5,0			---	---
3	6	---	---	---	80	80
Form of crediting		---	---	---	ZO	ZO
ECTS		---			4.5	2.0
<b>FINAL OSCE EXAM</b>						
Education area in direction of studies	Medical sciences, health sciences and physical education sciences					
Field of science	Health Sciences.					
Language of lectures	English					
Prerequisites	Knowledge of the following subjects: D01. Internal medicine and internal nursing D03. Surgery and surgical nursing D08. Neurology and neurological nursing					
Educational goal	Familiarizing students with the nature of aging, the specificity of health problems and the diversity of the course of diseases of the elderly. Preparing students to look independently after elderly people while providing professional, comprehensive geriatric care regardless of the place and time of provision of the healthcare services.					
Symbol of the course educational outcome	Description of the course educational outcome	Reference to the directional educational outcome	Correspondence level between the course educational			



			<b>outcome and the directional educational outcome (+ - low, ++ - medium, +++ - high)</b>
<b>Educational outcomes regarding knowledge</b>			
D09_K_W01	The student characterizes the risk factors and health risks in geriatric patients, taking their health condition into account	D.W2	+++
D09_K_W02	The student knows the principles of diagnosing in geriatric nursing	D.W5	+++
D09_K_W03	The student knows the principles of planning the patient care depending on age and health condition	D.W6	+++
D09_K_W04	The student knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	D.W7	+++
D09_K_W05	The student characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	D.W8	+++
D09_K_W06	The student characterizes nursing techniques and procedures used in patient care depending on age and health condition	D.W9	+++
D09_K_W07	The student knows the principles of preparing the patient for self-care depending on age and health condition	D.W10	+++
D09_K_W08	The student differentiates the patient's reactions to disease and hospitalisation, depending on age and health	D.W11	++
D09_K_W09	The student knows the role of a nurse in admission of a patient to a healthcare facility depending on age and health condition	D.W12	++
D09_K_W10	The student characterizes the aging process in the bio-psycho-socio-economic aspect	D.W13	+++
D09_K_W11	The student knows the specific principles of organisation of specialised (geriatric) care	D.W14	+++
D09_K_W12	The student differentiates the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression	D.W15	+++
D09_K_W13	The student characterizes the tools and support assessment scales for elderly people and their families	D.W16	+++
D09_K_W14	The student knows the principles of activation of a disabled and geriatric patient	D.W17	+++
D09_K_W15	The student knows types of diagnostic tests for elderly people and knows the principles of ordering them	D.W52	++
<b>Educational outcomes regarding skills</b>			
D09_K_U01	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation	D.U1	+++
D09_K_U02	The student recognizes determinants of health preservation	D.U2	+++

	for care recipients depending on age and health condition		
D09_K_U03	The student provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions	D.U3	+++
D09_K_U04	The student motivates the patient and his/her caretakers to join social support groups	D.U4	+++
D09_K_U05	The student diagnoses the degree of risk of developing pressure ulcers and classifies them	D.U8	++
D09_K_U06	The student extemporaneously administers oxygen, modifies the constant dose of insulin which has effect fast and short	D.U11	++
D09_K_U07	The student documents the health situation of the patient, its dynamics of changes and provided nursing care	D.U13	++
D09_K_U08	The student conducts a therapeutic conversation	D.U22	++
D09_K_U09	The student conducts bedside rehabilitation and patient motorical improvement and activation with the use of occupational therapy elements	D.U24	++
D09_K_U10	The student conducts, documents and evaluates the patient's fluid balance	D.U25	++
D09_K_U11	The student provides information on the patient's health condition to the members of the therapeutic team	D.U26	++
D09_K_U12	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care	D.U28	++
D09_K_U13	The student provides the patient with conditions for a dignified death	D.U30	++
D09_K_U14	The student adjusts nursing interventions to the type of nursing problems	D.U32	++
D09_K_U15	The student prepares and administers medications through different routes of administration, independently or on the order of a physician	D.U33	++
D09_K_U16	The student is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests	D.U34	++
<b>Educational outcomes regarding social competences</b>			
D09_K_K01	The student respects the dignity and autonomy of people entrusted to care	D.K1	++
D09_K_K02	The student systematically upgrades professional knowledge and skills regarding anaesthesiology and nursing in a life-threatening situation, aiming at professionalism	D.K2	++
D09_K_K03	The student adheres to values, duties and moral skills in care	D.K3	++
D09_K_K04	The student shows moral responsibility for a person and performing professional tasks	D.K4	++
D09_K_K05	The student respects the patients' rights	D.K5	++
D09_K_K06	The student reliably and accurately performs assigned professional duties	D.K6	++
D09_K_K07	The student adheres to professional secrecy	D.K7	++
D09_K_K08	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the	D.K8	++

	principles of the code of professional ethics		
D09_K_K09	The student is open to the development of his own and patient's subjectivity	D.K9	++
D09_K_K10	The student manifests empathy in the relationship with the patient and his/her family and colleagues	D.K10	++
<b>Implemented directional educational outcomes</b>			
Symbol of the educational outcome	Description of the educational outcome		
D.W2	The student characterizes risk factors and health risks for patients of different ages and health condition		
D.W5	The student knows the principles of diagnosing in internal medicine, geriatric, surgical, paediatric, neurological, psychiatric, anesthesiological, obstetric-gynecological nursing and palliative care		
D.W6	The student knows the principles of planning the patient care depending on age and health condition		
D.W7	The student knows the principles of preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition		
D.W8	The student characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration		
D.W9	The student characterizes nursing techniques and procedures used in patient care depending on age and health condition		
D.W10	The student knows the principles of preparing the patient for self-care depending on age and health condition		
D.W11	The student differentiates the patient's reactions to disease and hospitalisation, depending on age and health		
D.W12	The student knows the role of a nurse in admission of a patient to a healthcare facility depending on age and the patient's health condition		
D.W13	The student characterizes the aging process in the bio-psycho-socio-economic aspect		
D.W14	The student knows the specific principles of organisation of specialised care (geriatric, intensive, neurological, psychiatric, paediatric, internal medicine, surgical and palliative care and emergency medical service system in Poland)		
D.W15	The student differentiates the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression		
D.W16	The student characterizes the tools and support assessment scales for elderly people and their families		
D.W17	The student knows the principles of activation of a disabled and geriatric patient		
D.W52	The student knows types of diagnostic tests and knows the principles of ordering them		
D.U1	The student collects information, prepares a nursing diagnosis, sets out objectives and a care plan, implements nursing interventions and makes care evaluation		
D.U2	The student recognizes determinants of health preservation for care recipients depending on age and health condition		
D.U3	The student provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions		
D.U4	The student motivates the patient and his/her caretakers to join social support groups		
D.U8	The student diagnoses the degree of risk of developing pressure ulcers and classifies them		
D.U11	The student extemporaneously administers oxygen, modifies the constant dose of insulin which has effect fast and short		
D.U13	The student documents the health situation of the patient, its dynamics of changes and provided nursing care		

D.U22	The student conducts a therapeutic conversation
D.U24	The student conducts bedside rehabilitation and patient motorical improvement and activation with the use of occupational therapy elements
D.U25	The student conducts, documents and evaluates the patient's fluid balance
D.U26	The student provides information on the patient's health condition to the members of the therapeutic team
D.U28	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D.U30	The student provides the patient with conditions for a dignified death
D.U32	The student adjusts nursing interventions to the type of nursing problems
D.U33	The student prepares and administers medications through different routes of administration, independently or on the order of a physician
D.U34	The student is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests
D.K1	The student respects the dignity and autonomy of people entrusted to care
D.K2	The student systematically develops professional knowledge and skills, aiming at professionalism
D.K3	The student adheres to values, duties and moral skills in care
D.K4	The student shows moral responsibility for a person and performing professional tasks
D.K5	The student respects the patients' rights
D.K6	The student reliably and accurately performs assigned professional duties
D.K7	The student adheres to professional secrecy
D.K8	The student collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics
D.K9	The student is open to the development of his own and patient's subjectivity
D.K10	The student manifests empathy in the relationship with the patient and his/her family and colleagues

<b>CURRICULUM CONTENT</b>			
Symbol and no. of classes	Subject of classes	Implemented educational outcomes	Hours
<b>Form of classes: lectures</b>			
	<b>Physician's lecture</b>		
W01	The aging process in demographic, biological and psychosocial aspects. Physiological changes associated with aging in different systems: cardiovascular system, respiratory system, digestive system, genitourinary system, hormonal system, musculoskeletal system.	D09_K_W01 D09_K_W05 D09_K_W10 D09_K_W12	4
W02	Main geriatric problems: cerebral syndromes (including dementia), autonomic system dysfunction, falls, disturbances of consciousness, urine and anal incontinence, pressure ulcers, bone diseases and fractures, osteoarthritis, vascular failure, senile anaemia, impaired vision, deafness.	D09_K_W01 D09_K_W05 D09_K_W10 D09_K_W12	4
W03	The special features of the course of selected diseases in the elderly: atherosclerosis, ischemic heart disease, heart failure, hypertension, diabetes, diseases of the stomach and intestines, infectious diseases.	D09_K_W01 D09_K_W05 D09_K_W10 D09_K_W12	4

W04	Principles of nutrition of the elderly, with disease diseases taken into account. Consequences of improper nutrition (digestive disorders, malnutrition, obesity). Medication dosing in the elderly.	D09_K_W01 D09_K_W05 D09_K_W10 D09_K_W12	5
W05	Legal aspects of geriatric care.	D09_K_W11	3
<b>Total physician's lecture:</b>		<b>20</b>	
<b>Nurse's lecture</b>			
W06	Environmental determinants of health threats in the elderly - fears of the elderly (loneliness, dependence, death), social determinants of the aging process.	D09_K_W02 D09_K_W03 D09_K_W04 D09_K_W06 D09_K_W07 D09_K_W08 D09_K_W09 D09_K_W13 D09_K_W14 D09_K_W15	4
W07	The elderly lifestyle – nutrition and physical activity. Nurse's tasks in health promotion for elderly people. The determinants of nursing geriatric care. Tools and scales of geriatric nursing for the purpose of care.	as above	5
W08	Geriatric wards, nursing-care facilities, social assistance homes – care for the elderly incapable of self-service and terminally ill.	as above	11
<b>Total nurse's lecture:</b>		<b>20</b>	
<b>Form of classes: practical classes *</b>			
<b>Semester 6</b>			
C01	Geriatric assessment of the patient. The role of a nurse in the geriatric patient care	D09_K_U01 D09_K_U02 D09_K_U11 D09_K_U13 D09_K_U16	10
C02	Nursing procedures in geriatric diseases (Alzheimer's disease, parkinsonism, diabetes, cardiovascular system diseases, respiratory system diseases, depression).	D09_K_U03 D09_K_U04 D09_K_U16	10
C03	Participation of a nurse in implementation of home care and in preparation of the family/caretakers for care.	D09_K_U03 D09_K_U04 D09_K_U11 D09_K_U13 D09_K_U16	10
<b>Hours in total: practical classes – semester 5</b>		<b>30</b>	
<b>Form od classes: classes without participation of an academic teacher (BNA)</b>			
<b>Semester 5</b>			
BNA01	The system of care for the elderly in Poland	D09_K_W02 D09_K_W03 D09_K_W04 D09_K_W06 D09_K_W07 D09_K_W08	10

		D09_K_W09 D09_K_W13 D09_K_W14 D09_K_W15	
BNA02	Procedures for the geriatric patient care	as above	5
BNA03	Tests used for geriatric assessment of the patient	as above	5
BNA04	Distinctiveness in the physical examination of the geriatric patient	as above	10
	<b>Hours in total: BNA – semester 5</b>		<b>30</b>
<b>Form of classes: practical classes *</b>			
	<b>Semester 5</b>		
ZP01	The specificity of functioning of the geriatric ward (regulations, health and safety regulations, standards).	---	10
ZP02	Nursing procedure standards applicable in the ward	D09_K_U01 D09_K_U03 D09_K_U05 D09_K_U07 D09_K_U12	15
ZP03	Methods of taking medical history from the elderly person, the principles of planning, implementation and evaluation of actions taken (nursing process, nursing diagnosis).	D09_K_U01 D09_K_U03 D09_K_U05 D09_K_U07 D09_K_U12	10
ZP04	Methods and principles of administration of pharmacological means (regarding side effects and interactions with other medications).	D09_K_U15	10
ZP05	Bio-psycho-social needs of the elderly patient.	D09_K_U08	10
ZP06	Prevention of pressure ulcers and contractures.	D09_K_U05	15
ZP07	Prevention of pulmonary complications.	D09_K_U06	10
	<b>Hours in total: practical classes – semester 5</b>		<b>80</b>
<b>Form of classes: professional training *</b>			
	<b>Semester 5</b>		
PZ01	The specificity of functioning of the geriatric ward (regulations, health and safety regulations, standards).	---	4
PZ02	Nursing procedure standards applicable in the ward.	D09_K_U01 D09_K_U07	4
PZ03	Methods of taking medical history from the elderly person, the principles of planning, implementation and evaluation of actions taken (nursing process, nursing diagnosis).	D09_K_U07	4
PZ04	Methods and principles of administration of pharmacological means (regarding side effects and interactions with other medications).	D09_K_U15	4
PZ05	Identifying the health needs of the elderly people - the most common health issues.	D09_K_U02 D09_K_U07 D09_K_U08	4
PZ06	Specific nursing-care problems in the elderly people – the role of a nurse.	D09_K_U03 D09_K_U08	4
PZ07	The importance of improvement actions.	D09_K_U09	4
PZ08	Prevention of pressure ulcers, contractures.	D09_K_U05 D09_K_U12	4

PZ09	Prevention of pulmonary complications.	D09_K_U06 D09_K_U12	4
PZ10	Isometric exercises.	D09_K_U09 D09_K_U12	4
PZ11	Self-attendance exercises.	D09_K_U09 D09_K_U12	4
PZ12	Verticalisation and learning to walk, early patient mobilisation.	D09_K_U09 D09_K_U12	4
PZ13	Principles of rehabilitation equipment use.	D09_K_U09 D09_K_U12	4
PZ14	Principles of categorisation of patients.	D09_K_U02 D09_K_U07	4
PZ15	Assessment of needs within nursing care.	D09_K_U02 D09_K_U07	4
PZ16	Patient interview and physical examination.	D09_K_U07	4
PZ17	Making nursing diagnosis.	D09_K_U14	4
PZ18	Differentiation of nursing methods depending on disease.	D09_K_U14	4
PZ19	Organisation of the process of adaptation and activation of an elderly person in the environment.	D09_K_U04	8
<b>Hours in total: professional training – semester 5</b>		<b>80</b>	

#### Correlation of particular types of classes

Semester	W	CW	BNA	ZP	PZ
5	W01-W08	C01-C03	BNA01- BNA04	---	---
	---	---	---	ZP01-ZP07	---
	Exam from lectures, practical classes and practical training classes. Only after passing the exam the student can proceed to the professional training from the module.				
	---	---	---	---	PZ01-PZ19

Note: practical training classes may be started only after the end of theoretical education, while professional practice - only after the end of practical training classes.

#### The matrix of educational outcomes for the subject with reference to the methods of verification of the intended educational outcomes and the form of the classes

Educational outcome code	Forms of classes				Verification methods			
	W+BNA	CW	ZP	PZ	W+BNA	CW	ZP	PZ
D09_K_W01	W01-W04	---	---	---	test	---	---	---
D09_K_W02	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W03	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W04	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W05	W01-W04	---	---	---	test	---	---	---
D09_K_W06	W06-W08 BNA01-	---	---	---	test	---	---	---

	BNA04							
D09_K_W07	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W08	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W09	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W10	W01-W04	---	---	---	test	---	---	---
D09_K_W11	W01-W04	---	---	---	test	---	---	---
D09_K_W12	W01-W04	---	---	---	test	---	---	---
D09_K_W13	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W14	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_W15	W06-W08 BNA01- BNA04	---	---	---	test	---	---	---
D09_K_U01	---	C01	ZP02 ZP03	PZ02	---	test	test	nursing process
D09_K_U02	---	C01	---	PZ05 PZ14 PZ15	---	test	---	test
D09_K_U03	---	C02, C03	ZP02 ZP03	PZ06	---	test	test	test
D09_K_U04	---	C02, C03	---	PZ19	---	test	---	test
D09_K_U05	---	---	ZP02 ZP03 ZP08	PZ08	---	---	test	test
D09_K_U06	---	---	ZP07	PZ09	---	---	test	test
D09_K_U07	---	---	ZP02 ZP03	PZ02 PZ03 PZ05 PZ14 PZ15 PZ16	---	---	test	test
D09_K_U08	---	---	ZP05	PZ05 PZ06	---	---	test	test
D09_K_U09	---	---	---	PZ07 PZ10 PZ11 PZ12 PZ13	---	---	---	test
D09_K_U10	---	---	---	PZ16	---	---	---	test



D09_K_U11	---	C01, C03	---	---	---	test	---	---
D09_K_U12	---	---	ZP02 ZP03	PZ08 PZ09 PZ10 PZ11 PZ12 PZ13	---	---	test	test
D09_K_U13	---	C01, C03	---	---	---	test	---	---
D09_K_U14	---	---	---	PZ17 PZ18	---	---	---	test
D09_K_U15	---	---	ZP04	PZ04	---	---	test	test
D09_K_U16	---	C01, C02, C03	---	---	---	test	---	---
D09_K_K01	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K02	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K03	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K04	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K05	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K06	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K07	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K08	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K09	all	all	all	all	test	test	test 360 observat ion	test 360 observat ion
D09_K_K10	all	all	all	all	test	test	test 360 observat	test 360 observat

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Teaching methods, method of implementation and evaluation	
<b>Lecture and classes without participation of an academic teacher (BNA)</b>	<p><b>Semester 5:</b> Lecture with multimedia presentation and/or a conversational lecture. Crediting lectures: final assessment test for a grade.</p>
<b>Practical classes</b>	<p>Practical classes are mandatory. They are conducted in small groups. One unjustified absence from the classes is allowed. The absence should be made up of consultations that should be carried out at the place of the practical classes. The exercises deliver <u>educational outcomes regarding skills</u>. Completing the practical classes: for a grade. Credits carried out practically, under simulated conditions (in the simulation hall of low fidelity). In the case of completion with the use of OSCE, the completion of exercises is carried out at appropriately prepared stations, then students perform the same task, which is evaluated by means of a checklist (it is indicated on these tasks, the implementation of which is necessary to pass the task). Each learning outcome is credited separately; rated from 2.0 to 5.0. The condition for obtaining a pass from the classes is to pass all the learning outcomes in the field of skills. Simultaneously with the implementation of educational outcomes regarding skills, the educational outcomes <u>regarding social competences are implemented</u>. Assessment of the achievement of the educational outcomes is made by the teacher conducting the practical classes, as well as through student's self-assessment. Assessment of each educational outcome separately, grades rated from 2.0 to 5.0.</p>
<b>Practical training classes</b>	<p>Practical training classes are conducted in natural conditions, i.e. in medical facilities. Participation in practical training classes is obligatory. Practical training classes are started after completion of practical classes in the SCUP and SNUT rooms.</p> <p>In practical training classes the <u>educational outcomes regarding skills are implemented</u>, they verify and summarize the skills developed by students during classes conducted in a form of practical classes (including simulated conditions), but also allow practical application of knowledge acquired during lectures and classes without participation of an academic teacher (educational outcomes regarding knowledge). These are therefore summary outcomes. Detailed educational outcomes, implemented by students during practical training classes, are indicated in the "Practical Training Register".</p> <p>ATTENTION: during practical training classes, the following should be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> </ul>

	<ul style="list-style-type: none"> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul>
<b>Final exam from the module</b>	<p>After completion and obtaining credits from all forms of classes, but before starting the professional training, the student takes the final exam.</p> <p>In the case when OSCE procedures are not applied, the student randomly draws 1 task from the set of tasks concerning individual educational outcomes regarding skills; social competences are verified during the student's presentation of the acquired skills. 2 tasks include theoretical knowledge, 2 tasks – skills.</p> <p>The exam is conducted in accordance with the OSCE procedure. Each student completes 4 standardised tasks, which include both theoretical (2 tasks) and practical (2 tasks) knowledge. Tasks are drawn by the student from a set of theoretical tasks (at least 25) and practical tasks (at least 25), to each of them there is a scenario – a checklist and an indicated station where the selected task must be performed. Tasks drawn by the student are returned to the appropriate set.</p>
<b>Professional training</b>	<p>Professional training is started only after completion of all preceding forms of classes and after passing the final examination from the module. It is unacceptable for the student to start professional training from the module without completion of lectures, practical classes or practical training classes, or in the case when the student did not pass the final exam from this module.</p> <p>Detailed educational outcomes regarding knowledge, skills and social competences are included in the "Practical Training Diary". Confirmation of the achievement of the learning outcomes indicated in it is made by the supervisor of professional training, who is an employee of the healthcare facility.</p> <p>The final assessment of professional training is established by the Head of the Professional Training Department.</p> <p>ATTENTION: during professional training the following aspects must be taken into account:</p> <ul style="list-style-type: none"> <li>• patient's age and health condition;</li> <li>• patient interview and physical examination performed by a nurse for the needs of a nursing diagnosis;</li> <li>• characteristics of risk factors, health risks and life threatening symptoms;</li> <li>• principles for assessing the patient's condition depending on age;</li> <li>• methods of taking medical history, principles for planning, implementation and assessment of actions undertaken in order to make a nursing diagnosis and prepare a nursing process;</li> <li>• measurement of basic vital signs, such as body temperature, pulse rate, blood pressure;</li> <li>• methods and principles for administration of pharmacological means (regarding side effects and interactions with other medications);</li> <li>• nurse's tasks in preparing patients for basic and specialised diagnostic tests, assisting during these tests and patient care after examination;</li> <li>• recording, analysing, evaluating and collecting data about the patient and his/her environment;</li> <li>• determining the scope and nature of patient care;</li> <li>• preparing the patient for pro-health behaviours;</li> <li>• preparing the patient and his/her family for self-care.</li> </ul> <p>NOTE: professional training should focus on overall nursing care for the geriatric patient in order to develop the following skills:</p> <ul style="list-style-type: none"> <li>• workplace arrangement,</li> <li>• communication with the patient and his/her family,</li> <li>• cooperation with the therapeutic team,</li> <li>• evaluation of functions of all systems (circulatory, respiratory, digestive, excretory, an endocrine, locomotor) by measurement, observation, interview, analysis of medical records, analysis of the results of basic and specialised diagnostic tests,</li> </ul>

	<ul style="list-style-type: none"> <li>• taking material for diagnostic tests,</li> <li>• preparing the patient for endoscopic and imaging examination,</li> <li>• administration of medications through different routes.</li> <li>• oxygen supply,</li> <li>• physiotherapeutic treatment,</li> <li>• maintaining patient's personal hygiene and the hygiene of the surroundings,</li> <li>• taking procedures to facilitate excretion,</li> <li>• nursing procedures and treatment of the skin and mucous membranes,</li> <li>• documentation of nursing activities.</li> </ul>		
<b>Student's workload</b>			
Hours of student's work	Activity form	Hours in detail	Hours in total
Contact hours with an academic teacher	Participation in lectures	20 hours + 20 hours	40
	Participation in practical classes *	30 hours	30*
	Participation in practical training classes *	80 hours	80*
	Participation in consultations related to classes *	2 hours for each type of classes (physician's lecture, nurse's lecture, BNA, practical classes, practical training classes*, professional training*)	8 4*
Contact hours with the practical training supervisor on the part of the health care provider	Participation in professional training *	2 weeks	80*
Student's individual work	Preparation for practical classes *	30 hours	30*
	Preparation for practical training classes *	80 hours	80*
	Individual work related to the subject of BNA classes	30 hours	30
	Preparation for the final assessment test from lectures and BNA	5 hours	5
	Preparation of the nursing process (based on material collected during professional training) *	5 hours	5*
	Preparation for the final exam which covers all educational content contained in the module * (OSCE exam)	20 (half of the time was spent on preparation regarding theoretical education, the other half regarding practical education)	10 10*
Total student's workload			<b>412</b>
<b>Quantity indicators</b>	Workload	Hours	ECTS
	Student's workload associated with classes that require direct teacher participation	242	6,8
	Student's workload associated with classes that do not require direct teacher participation	170	4,7
	* Student's workload associated with practical classes	319	8,9

	* Student's workload associated with theoretical classes	93	2,6
<b>Basic bibliography</b>	<ul style="list-style-type: none"> <li>• Wieczorowska-Tobis K, Talarska D. Geriatria i pielęgniarstwo geriatryczne. (Geriatrics and geriatric nursing.), PZWL Warszawa 2010</li> <li>• Schiefe J., Staudt I., Dach M.: Pielęgniarstwo geriatryczne. (Geriatric nursing.), Urban&amp;Partner, Wrocław 1999.</li> <li>• Żakowska-Wachelko B.: Zarys medycyny geriatrycznej. (Outline of geriatric medicine.), Wyd. Lek. PZWL, Warszawa 2000.</li> <li>• Krajewska-Kułał E, Szczepański M. Badanie fizykalne w praktyce pielęgniarek i położnych. ( Physical examination in the practice of nurses and midwives.), Czelej Lublin 2008.</li> </ul>		
<b>Supplementary bibliography</b>	<ul style="list-style-type: none"> <li>• Brocklehurst J.C., Allen S.C.: Zarys medycyny geriatrycznej. (Outline of geriatric medicine.), 1991.</li> <li>• Articles and publications in: Geriatria Polska (Geriatrics Poland), Termedia</li> <li>• Jarosz M. Żywnienie osób w starszym wieku. (Nutrition of elderly people.), PZWL 2011</li> </ul>		

**Grades – details (intermediate grades omitted: 3.5 and 4.5).**

Educational outcomes	For grade 2	For grade 3	For grade 4	For grade 5
D09_K_W01	The student does not characterize the risk factors and health risks in geriatric patients, taking their health condition into account	The student characterizes some risk factors and health risks in geriatric patients, taking to a small degree their health condition into account	The student characterizes most risk factors and health risks in geriatric patients, taking their health condition into account to a large degree	The student characterizes the risk factors and health risks in geriatric patients, taking their health condition into account
D09_K_W02	The student does not know the principles of diagnosis in geriatric nursing	The student knows some principles of diagnosis in geriatric nursing	The student knows most principles of diagnosis in geriatric nursing	The student knows all principles of diagnosis in geriatric nursing
D09_K_W03	The student does not know the principles of planning the patient care depending on age and health condition	The student knows some principles of planning the patient care depending on age and health condition	The student knows most principles of planning the patient care depending on age and health condition	The student knows all principles of planning the patient care depending on age and health condition
D09_K_W04	The student does not know the principles of preparation, care during and after examination or diagnostic procedures regarding patients of different ages and health condition	The student knows some principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows most principles for preparation, care during and after examination, as well as diagnostic procedures regarding patients of different ages and health condition	The student knows all principles of preparation, care during and after examination or diagnostic procedures regarding patients of different ages and health condition
D09_K_W05	The student cannot characterize groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration	The student imprecisely characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of	The student quite precisely characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of	The student precisely characterizes groups of medications and their effect on the patient's systems and organs in various diseases, depending on age and health condition, including side effects, interaction with other medications and routes of administration

		administration	administration	
D09_K_W06	The student cannot characterize nursing techniques and procedures used in patient care depending on age and health condition	The student imprecisely characterizes nursing techniques and procedures used in patient care depending on age and health condition.	The student quite precisely characterizes nursing techniques and procedures used in patient care depending on age and health condition.	The student precisely characterizes nursing techniques and procedures used in patient care depending on age and health condition
D09_K_W07	The student does not know the principles of preparing the patient for self-care depending on age and health condition	The student knows some principles of preparing the patient for self-care depending on age and health condition	The student knows most principles of preparing the patient for self-care depending on age and health condition	The student knows all principles of preparing the patient for self-care depending on age and health condition
D09_K_W08	The student does not differentiate the patient's reactions to disease and hospitalisation, depending on age and health	The student imprecisely differentiates the patient's reactions to disease and hospitalisation, depending on age and health condition	The student quite precisely differentiates the patient's reactions to disease and hospitalisation, depending on age and health	The student precisely differentiates the patient's reactions to disease and hospitalisation, depending on age and health condition
D09_K_W09	The student does not know the role of a nurse in admission of the patient to a healthcare facility depending on age and the patient's health condition	The student imprecisely knows the role of a nurse in admission of the patient to a healthcare facility depending on age and health condition	The student quite precisely knows the role of a nurse in admission of the patient to a healthcare facility depending on age and health condition	The student precisely knows the role of a nurse in admission of the patient to a healthcare facility depending on age and health condition
D09_K_W10	The student does not characterize the aging process in the bio-psycho-socio-economic aspect	The student very generally characterizes the aging process in the bio-psycho-socio-economic aspect	The student quite precisely characterizes the aging process in the bio-psycho-socio-economic aspect	The student very precisely characterizes the aging process in the bio-psycho-socio-economic aspect
D09_K_W11	The student does not know the specific principles of organisation of specialised (geriatric) care	The student knows some specific principles of organisation of specialised (geriatric) care	The student knows most specific principles of organisation of specialised (geriatric) care	The student knows all specific principles of organisation of specialised (geriatric) care
D09_K_W12	The student does not differentiate the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression	The student to a small degree differentiates the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression	The student to a large degree differentiates the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression	The student professionally differentiates the etiopathogenesis of geriatric diseases: diabetes, heart diseases, hypertension, atherosclerosis, dementia syndromes, Parkinson's syndrome and depression
D09_K_W13	The student does not characterize the tools and support assessment scales for elderly people and their families	The student to a small degree characterizes the tools and support assessment scales for elderly people and	The student to a large degree characterizes the tools and support assessment scales for elderly people and	The student professionally characterizes the tools and support assessment scales for elderly people and

		their families	their families	their families
D09_K_W14	The student does not know the principles of activation of a disabled and geriatric patient	The student knows only some principles of activation of a disabled and geriatric patient	The student knows most principles of activation of a disabled and geriatric patient	The student knows the principles of activation of a disabled and geriatric patient
D09_K_W15	The student does not know types of diagnostic tests for elderly people and does not know the principles of ordering them	The student knows some types of diagnostic tests for elderly people and knows some principles of ordering them	The student knows most types of diagnostic tests for elderly people and knows all principles of ordering them	The student knows types of diagnostic tests for elderly people and knows the principles of ordering them
D09_K_U01	The student cannot collect information, prepare a nursing diagnosis, set out objectives and a care plan, implement nursing interventions and make care evaluation	The student can collect some information, prepares imprecisely a nursing diagnosis, sets out imprecisely objectives and a care plan, implements imprecisely nursing interventions and makes imprecisely care evaluation	The student can collect most information, prepares quite precisely a nursing diagnosis, sets out quite precisely objectives and a care plan, implements quite precisely nursing interventions and makes quite precisely care evaluation	The student can collect all information, prepares precisely a nursing diagnosis, sets out precisely objectives and a care plan, implements precisely nursing interventions and makes precisely care evaluation
D09_K_U02	The student cannot recognize determinants of health preservation for care recipients depending on age and health condition	The student recognizes some determinants of health preservation for care recipients depending on age and health condition	The student recognizes most determinants of health preservation for care recipients depending on age and health condition	The student recognizes all determinants of health preservation for care recipients depending on age and health condition
D09_K_U03	The student does not provide counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions	The student to a small degree provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions	The student to a large degree provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions	The student provides counselling regarding self-care of patients of different ages and health condition, concerning developmental disorders, diseases and addictions
D09_K_U04	The student does not motivate the patient and his/her caretakers to join social support groups	The student to a small degree motivates the patient and his/her caretakers to join social support groups	The student to a large degree motivates the patient and his/her caretakers to join social support groups	The student motivates the patient and his/her caretakers to join social support groups
D09_K_U05	The student does not diagnose the degree of risk of developing pressure ulcers and does not classify them	The student to a small extent diagnoses the degree of risk of developing pressure ulcers and classifies them	The student to a large extent diagnoses the degree of risk of developing pressure ulcers and classifies them	The student diagnoses the degree of risk of developing pressure ulcers and classifies them
D09_K_U06	The student does not extemporaneously administer oxygen, does not modify the constant dose of insulin which has fast and short effect	The student extemporaneously administers oxygen, does not modify the constant dose of insulin which has fast and short effect	The student extemporaneously administers oxygen, has problems to modify the constant dose of insulin which has fast and short	The student extemporaneously administers oxygen, modifies the constant dose of insulin which has fast and short effect

			effect	
D09_K_U07	The student cannot document the health situation of the patient, its dynamics of changes and provided nursing care	The student imprecisely documents the health situation of the patient, its dynamics of changes and provided nursing care	The student quite precisely documents the health situation of the patient, its dynamics of changes and provided nursing care	The student precisely documents the health situation of the patient, its dynamics of changes and provided nursing care
D09_K_U08	The student does not conduct a therapeutic conversation	The student has significant issues to conduct a therapeutic conversation	The student conducts a therapeutic conversation almost without mistakes	The student conducts a therapeutic conversation
D09_K_U09	The student does not conduct the bedside rehabilitation and motorical improvement of the patient, does not conduct activation with the use of occupational therapy elements	The student to a small degree conducts bedside rehabilitation and motorical improvement of the patient and activation with the use of occupational therapy elements	The student to a large degree conducts bedside rehabilitation and motorical improvement of the patient and activation with the use of occupational therapy elements	The student conducts bedside rehabilitation and motorical improvement of the patient and activation with the use of occupational therapy elements
D09_K_U10	The student does not conduct, does not document and does not evaluate the patient's fluid balance	The student to a small degree, with significant mistakes, conducts, documents and evaluates the patient's fluid balance	The student conducts, documents and evaluates the patient's fluid balance almost without mistakes	The student conducts, documents and evaluates the patient's fluid balance
D09_K_U11	The student does not provide information on the patient's health condition to the members of the therapeutic team	The student to a small degree, imprecisely, provides information on the patient's health condition to the members of the therapeutic team	The student precisely provides information on the patient's health condition to the members of the therapeutic team	The student provides information on the patient's health condition to the members of the therapeutic team
D09_K_U12	The student does not keep records of patient care	The student to a small degree keeps records of patient care	The student keeps records of patient care almost without mistakes	The student keeps records of patient care for the patient: observation chart, nursing procedures and reports chart, hospital infections register, prophylaxis and treatment of pressure ulcers chart and information sheet with recommendations for self-care
D09_K_U13	The student does not provide the patient with conditions for a dignified death	The student to a small degree provides the patient with conditions for a dignified death	The student to a large degree provides the patient with conditions for a dignified death	The student provides the patient with conditions for a dignified death
D09_K_U14	The student does not adjust nursing interventions to the type of geriatric patient nursing	The student to a small degree adjusts nursing interventions to the type of geriatric patient nursing	The student to a large degree adjusts nursing interventions to the type of geriatric patient nursing	The student adjusts nursing interventions to the type of geriatric patient nursing problems



	problems	problems	problems	
D09_K_U15	The student does not prepare and does not administer medications through different routes of administration, independently or on the order of a physician	The student to a small degree prepares and administers medications through different routes of administration, independently or on the order of a physician	The student to a large degree prepares and administers medications through different routes of administration, independently or on the order of a physician	The student prepares and administers medications through different routes of administration, independently or on the order of a physician
D09_K_U16	The student is not able to recognize indications for specific diagnostic tests and/or does not have the skills to issue referrals for specific diagnostic tests	The student to a small degree recognizes indications for specific diagnostic tests and has some skills to issue referrals for specific diagnostic tests	The student to a large degree recognizes indications for specific diagnostic tests and has quite good skills to issue referrals for specific diagnostic tests	The student is able to recognize indications for specific diagnostic tests and has the skills to issue referrals for specific diagnostic tests
D09_K_K01	The student does not respect the dignity and autonomy of people entrusted to his/her care.	The student respects partly the dignity and autonomy of people entrusted to his/her care.	The student respects the dignity and autonomy of people entrusted to his/her care.	The student respects exemplary the dignity and autonomy of people entrusted to his/her care.
D09_K_K02	The student does not upgrade professional knowledge and does not develop skills to aim at professionalism	The student partly upgrades professional knowledge and skills to aim at professionalism.	The student develops professional knowledge and skills, aiming at professionalism.	The student exemplary upgrades professional knowledge and skills to aim at professionalism.
D09_K_K03	The student does not adhere to values, duties and moral efficiency in healthcare.	The student partly adheres to values, duties and moral efficiency in healthcare.	The student adheres to values, duties and moral efficiency in healthcare.	The student exemplary adheres to values, duties and moral efficiency in healthcare.
D09_K_K04	The student shows no moral responsibility for a person and performance of professional tasks.	The student shows partial moral responsibility for a person and performance of professional tasks.	The student shows moral responsibility for a person and performance of professional tasks.	The student shows exemplary moral responsibility for a person and performance of professional tasks.
D09_K_K05	The student does not respect the patients' rights.	The student partly respects the patients' rights	The student respects well the patients' rights	The student respects exemplary the patients' rights
D09_K_K06	The student performs professional duties unreliably and inaccurately.	The student performs partly professional duties.	The student performs professional duties.	The student performs professional duties reliably and accurately.
D09_K_K07	The student does not adhere to professional secrecy.	The student partly adheres to professional secrecy.	The student adheres well to professional secrecy.	The student exemplary adheres to professional secrecy.
D09_K_K08	The student does not collaborate as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.	The student partly collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code of professional ethics.	The student independently collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code	The student independently and exemplary collaborates as part of an interdisciplinary team in solving ethical dilemmas while maintaining the principles of the code

			of professional ethics.	of professional ethics.
D09_K_K09	The student is not open to the development of their own and patient's subjectivity.	The student is partly open to the development of one's own and patient's subjectivity.	The student is open to the development of their own and patient's subjectivity.	The student is exemplary open to the development of their own and patient's subjectivity.
D09_K_K10	The student does not demonstrate empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates partial empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates empathy in the relationship with the patient, his/her family and colleagues.	The student demonstrates great empathy in the relationship with the patient, his/her family and colleagues.