

Efekty uczenia się

Kierunek – pielęgniarstwo English Division

Poziom studiów – studia I stopnia

Profil – praktyczny

Forma studiów – stacjonarne

Efekty uczenia się obowiązują od cyklu kształcenia 2026-2029

Szczegółowy numer efektu uczenia się ¹	Efekty uczenia się ² po ukończeniu studiów absolwent:	PRK ³	PRK ⁴	Dyscyplina nauki o zdrowiu ⁵	Dyscyplina nauki medyczne ⁶
OGÓLNE EFEKTY UCZENIA SIĘ – WIEDZA (zna i rozumie)					
O.W1.	development, structure and functions of the human organism in each period of life in normal and pathological conditions;	P6U_W	P6S_WG	-	100%
O.W2.	conditions and mechanisms of functioning of a healthy and an ill human;	P6U_W	P6S_WG	-	100%

¹ Objasnienie oznaczeń:

Dla kierunków: lekarskiego, lekarsko- dentystycznego, farmaceutycznego, położnictwa, pielęgniarstwa, fizjoterapii, ratownictwa medycznego numery są określone w standardach kształcenia dla danego kierunku.

Dla pozostałych przyjmuje się poniższe oznaczenia:

K (przed podkreślnikiem) — szczegółowe efekty uczenia się

W — kategoria wiedzy; U — kategoria umiejętności; K (po podkreślniku) — kategoria kompetencji społecznych

01, 02, 03 i kolejne — numer efektu uczenia się

² Liczba dowolna (należy dodać lub usunąć wiersze tabeli w razie potrzeby).

³ Wpisać symbol z Polskich Ram Kwalifikacji - Charakterystyki I stopnia (uniwersalne)

⁴ Wpisać symbol z Polskich Ram Kwalifikacji - Charakterystyki II stopnia Polskiej Ramy Kwalifikacji dla kwalifikacji uzyskiwanych w ramach szkolnictwa wyższego

⁵ Wpisać nazwę dyscypliny wiodącej (w kolumnie należy wpisać procentowy udział danego efektu uczenia się w dyscyplinie wiodącej).

⁶ Wpisać nazwę dyscypliny (w kolumnie należy wpisać procentowy udział danego efektu uczenia się w dyscyplinie).

O.W3.	etiology, pathomechanism, clinical symptoms, course and methods of diagnostic and therapeutic proceedings in selected disease entities;	P6U_W	P6S_WG	-	100%
O.W4.	functioning of health care systems in the Republic of Poland and selected European Union Member States;	P6U_W	P6S_WG, P6S_WK	-	100%
O.W5.	principles of health promotion and disease prevention, including neoplastic diseases;	P6U_W	P6S_WG	100%	-
O.W6.	tasks, functions and conditions of the development of the profession of a nurse;	P6U_W	P6S_WG	100%	-
O.W7.	models of nursing care for the healthy, ill, disabled and dying person;	P6U_W	P6S_WG	100%	-
O.W8.	ethical, social and legal conditions of the profession of a nurse.	P6U_W	P6S_WG	100%	-
OGÓLNE EFEKTY UCZENIA SIĘ – UMIEJĘTNOŚCI (potrafi)					
O.U1.	provide health promotion and disease prevention services, including neoplastic diseases;	P6U_U	P6S_UW	100%	-
O.U2.	identify health problems and determine priorities in nursing care;	P6U_U	P6S_UW	100%	-
O.U3.	organise, plan and deliver holistic and individualised nursing care to an ill, disabled and dying person using the guidelines of the current medical knowledge;	P6U_U	P6S_UW	100%	-
O.U4.	provide preventive, diagnostic, therapeutic and rehabilitative services within the scope of the law;	P6U_U	P6S_UW	100%	-
O.U5.	decide on the type and scope of care and nursing services;	P6U_U	P6S_UW	100%	-
O.U6.	co-operate with the patient, family or guardian of the patient in the implementation of the established nursing care goals and educational activities carried out;	P6U_U	P6S_UW, P6S_UK	100%	-
O.U7.	perform a complex subjective examination and physical examination to establish a nursing diagnosis	P6U_U	P6S_UW	50%	50%

	and to plan, implement and evaluate nursing interventions;				
O.U8.	perform a qualifying examination for protective vaccinations and perform protective vaccinations as defined by law, implement the procedures in place in the event of an adverse event following immunization (AEFI) and conduct reporting on protective vaccinations;	P6U_U	P6S_UW	50%	50%
O.U9.	perform an electrocardiogram (ECG) on a patient of different ages at rest, interpret the components of a normal recording of the bioelectrical function of the heart and recognise the electrocardiographic features of health and life-threatening conditions;	P6U_U	P6S_UW	50%	50%
O.U10.	perform a spirometry test and make a preliminary assessment of the result of this test in patients of different ages and health conditions;	P6U_U	P6S_UW	50%	50%
O.U11.	administer first aid and undertake cardiopulmonary resuscitation rescue;	P6U_U	P6S_UW	100%	-
O.U12.	remove sutures and care for a wound, including the application and changing of dressings;	P6U_U	P6S_UW	100%	-
O.U13.	prepare and administer medicines to a patient by various routes in accordance with the nurse's professional competence or a doctor's written order for specific clinical conditions and medicinal products from life-saving shock kits;	P6U_U	P6S_UW	100%	-
O.U14.	issue prescriptions for medications, foodstuffs for special nutritional purposes and medical devices necessary for the continuation of treatment in fulfilment of medical orders;	P6U_U	P6S_UW	100%	-
O.U15.	communicate with the patient, family or guardian and other health professionals using a variety of communication methods and techniques and	P6U_U	P6S_UW, P6S_UK	100%	-

	negotiate to resolve problems and conflicts within the team;				
O.U16.	analyse the quality of nursing care and take action to improve it;	P6U_U	P6S_UW	100%	-
O.U17.	organise their own work and that of subordinate staff and cooperate in nursing and interprofessional teams;	P6U_U	P6S_UW, P6S_UK	50%	50%
O.U18.	apply critical thinking in the professional practice of a nurse.	P6U_U	P6S_UW	100%	-
OGÓLNE EFEKTY UCZENIA SIĘ – KOMPETENCJE SPOŁECZNE (jest gotów do)					
O.K1.	be guided by the welfare of the patient, respect the dignity and autonomy of those entrusted to their care, show understanding of worldview and cultural differences and empathy in their relationship with the patient, their family or guardian;	P6U_K	P6S_KK, P6S_KO	50%	50%
O.K2.	respect the rights of the patient and the principles of humanism;	P6U_K	P6S_KK	50%	50%
O.K3.	practice the profession independently and with integrity in accordance with ethical principles, including adherence to moral values and duties in patient care;	P6U_K	P6S_KK, P6S_KO	50%	50%
O.K4.	bear responsibility for professional activities performed;	P6U_K	P6S_KK	50%	50%
O.K5.	consult with experts in case of difficulties in solving a problem independently;	P6U_K	P6S_KK	50%	50%
O.K6.	anticipate and take into account factors influencing his/her own reactions and those of the patient;	P6U_K	P6S_KK	50%	50%
O.K7.	perceive and recognise their own limitations in terms of knowledge, skills and social competences and perform self-assessment of deficits and educational needs.	P6U_K	P6S_KK	50%	50%
NAUKI PRZEDKLINICZNE – WIEDZA (zna i rozumie)					

A.W1.	the structure of the human body in topographical approach (upper and lower limbs, thorax, abdomen, pelvis, back, neck, head) and functional approach (osteoarticular system, muscular system, circulatory system, haematopoietic system, respiratory system, digestive system, urinary system, male and female genital system, nervous system, sense organs, integumentary system);	P6U_W	P6S_WG	-	100%
A.W2.	neurohormonal regulation of physiological and electrophysiological processes occurring in the human body;	P6U_W	P6S_WG	-	100%
A.W3.	physiology of individual systems and organs of the human body: skeletal and muscular system, circulatory system, haematopoietic system, respiratory system, digestive system, urinary system, male and female genital system, nervous system, endocrine system, immune system and sense organs and the integumentary system;	P6U_W	P6S_WG	-	100%
A.W4.	the role of the systems and organs of the human body in maintaining its homeostasis and the changes in the functioning of the human body as a whole when its homeostasis is disturbed;	P6U_W	P6S_WG	-	100%
A.W5.	the basics of the functioning of regulatory systems and the role of positive and negative feedback in maintaining homeostasis;	P6U_W	P6S_WG	-	100%
A.W6.	mechanisms of innate and acquired, humoral and cellular immunity;	P6U_W	P6S_WG	-	100%
A.W7.	basic concepts of pathology of the human organism;	P6U_W	P6S_WG	-	100%
A.W8.	extrinsic and intrinsic, modifiable and non-modifiable pathogens and their effect on the human organism;	P6U_W	P6S_WG	-	100%
A.W9.	issues of detailed pathology of human body systems: osteoarticular and muscular system, circulatory system,	P6U_W	P6S_WG	-	100%

	haematopoietic system, respiratory system, digestive system, urinary system, male and female genital system, nervous system, endocrine system, immune system and metabolic disorders, water-electrolyte and acid-base metabolism;				
A.W10.	basics of disorders of the immune system: allergies, autoimmune diseases, immunology of tumours;	P6U_W	P6S_WG	-	100%
A.W11.	genetic determinants of human blood groups and serological conflict in the Rh system;	P6U_W	P6S_WG	-	100%
A.W12.	problems of genetically conditioned diseases;	P6U_W	P6S_WG	-	100%
A.W13.	structure of chromosomes and molecular basis of mutagenesis;	P6U_W	P6S_WG	-	100%
A.W14.	principles of inheritance of different number of traits, inheritance of quantitative traits, independent inheritance of traits and inheritance of non-nuclear genetic information;	P6U_W	P6S_WG	-	100%
A.W15.	modern techniques of genetic research;	P6U_W	P6S_WG	-	100%
A.W16.	the physicochemical basis of the operation of the senses using physical carriers of information (sound and electromagnetic waves);	P6U_W	P6S_WG	-	100%
A.W17.	mechanisms of regulation and biophysical basis of metabolism functioning in the human organism;	P6U_W	P6S_WG	-	100%
A.W18.	the role of vitamins, amino acids, nucleosides, monosaccharides, carboxylic acids and their derivatives as part of macromolecules present in cells, extracellular matrix and body fluids;	P6U_W	P6S_WG	-	100%
A.W19.	the effects on the human body of external factors such as temperature, gravity, pressure, electromagnetic fields and ionising radiation, including radon in the environment;	P6U_W	P6S_WG	-	100%

A.W20.	basic concepts of microbiology and parasitology and methods used in microbiological diagnosis;	P6U_W	P6S_WG	-	100%
A.W21.	classification of microorganisms including pathogenic microorganisms and those present in the human physiological microbiota;	P6U_W	P6S_WG	-	100%
A.W22.	the different groups of therapeutic agents, their main mechanisms of action, the transformations they cause in the human organism and side effects;	P6U_W	P6S_WG	-	100%
A.W23.	basic principles of pharmacotherapy;	P6U_W	P6S_WG	-	100%
A.W24.	particular groups of medicines, active substances contained in medicines, application of medicines and forms and routes of their administration;	P6U_W	P6S_WG	-	100%
A.W25.	influence of disease processes on drug metabolism and elimination;	P6U_W	P6S_WG	-	100%
A.W26.	adverse drug reactions, including those resulting from drug interactions, and the procedure for reporting adverse drug reactions;	P6U_W	P6S_WG	-	100%
A.W27.	the principles of prescribing in the implementation of medical orders;	P6U_W	P6S_WG	-	100%
A.W28.	principles of treatment with blood, its components and blood substitutes;	P6U_W	P6S_WG	-	100%
A.W29.	imaging methods and principles of imaging by these methods and principles of radiological protection.	P6U_W	P6S_WG	-	100%
NAUKI PRZEDKLINICZNE – UMIEJĘTNOŚCI (potrafi)					
A.U1.	use anatomical nomenclature in practice and apply knowledge of the topography of human body organs;	P6U_U	P6S_UW	-	100%
A.U2.	interpret physiological processes, with particular emphasis on neurohormonal regulation of physiological processes;	P6U_U	P6S_UW	-	100%

A.U3.	describe changes in the functioning of the human organism as a whole in a situation of disruption of its homeostasis;	P6U_U	P6S_UW	-	100%
A.U4.	link morphological and functional changes within tissues, organs and systems with clinical symptoms and results of diagnostic tests and indicate consequences of developing pathological changes for the human organism;	P6U_U	P6S_UW	-	100%
A.U5.	estimate the risk of manifestation of a given disease based on the principles of heredity and the influence of environmental factors;	P6U_U	P6S_UW	-	100%
A.U6.	use the determinants of genetic diseases in disease prevention;	P6U_U	P6S_UW	-	100%
A.U7.	participate in the selection of diagnostic methods in particular clinical conditions using knowledge of biochemistry and biophysics;	P6U_U	P6S_UW	-	100%
A.U8.	participate in the prevention of pre-laboratory errors;	P6U_U	P6S_UW	-	100%
A.U9.	properly interpret the results of laboratory tests;	P6U_U	P6S_UW	-	100%
A.U10.	recognise the most common pathogenic microorganisms and human parasites on the basis of their structure, physiology, life cycles and disease symptoms they cause;	P6U_U	P6S_UW	-	100%
A.U11.	plan and perform basic microbiological diagnostics and interpret the results obtained;	P6U_U	P6S_UW	-	100%
A.U12.	estimate toxicological hazards in specific age groups and in different clinical conditions;	P6U_U	P6S_UW	-	100%
A.U13.	use pharmaceutical reference books and databases on medicinal products;	P6U_U	P6S_UW	-	100%
A.U14.	prepare records of prescription forms of medicinal substances and foodstuffs for special nutritional purposes ordered by a doctor;	P6U_U	P6S_UW	-	100%

A.U15.	calculate medication doses in accordance with the characteristics of the medicinal product;	P6U_U	P6S_UW	-	100%
A.U16.	apply principles of radiological protection.	P6U_U	P6S_UW	-	100%
NAUKI SPOŁECZNE I HUMANIZM W PIELĘGNIARSTWIE – WIEDZA (zna i rozumie)					
B.W1.	the psychological basis of human development, normal and disturbed behaviour;	P6U_W	P6S_WG	50%	50%
B.W2.	the issues of human – social environment relations, adaptive behaviours and mechanisms of human functioning in difficult situations;	P6U_W	P6S_WG	100%	-
B.W3.	the principles of diagnosing, planning, implementing and evaluating patient care in internist nursing, surgical nursing, operating theatre nursing, paediatric nursing, obstetric-gynecological nursing, geriatric nursing, neurological nursing, psychiatric nursing, hospital emergency ward, intensive care, palliative care and long-term care and cancer patients;	P6U_W	P6S_WG	100%	-
B.W4.	stages of human psychological development and the regularities occurring at different stages of this development;	P6U_W	P6S_WG	50%	50%
B.W5.	the concepts of emotions, motivation, temperament and personality, characteristics of healthy personality, personality disorders;	P6U_W	P6S_WG	100%	-
B.W6.	the essence, structure and phenomena occurring in the process of transferring and exchanging information, as well as models, styles and barriers in interpersonal communication;	P6U_W	P6S_WG	100%	-
B.W7.	theories of psychological stress, relationships between stress and health and other psychological determinants of health;	P6U_W	P6S_WG	100%	-
B.W8.	salutogenetic and pathogenetic approaches to health and illness;	P6U_W	P6S_WG	-	100%

B.W9.	the processes of human adaptation to living with a chronic illness or with an unfavourable prognosis and the determinants of these processes;	P6U_W	P6S_WG	100%	-
B.W10.	the importance of social and psychological support in health and illness and in special situations in health care;	P6U_W	P6S_WG	100%	-
B.W11.	techniques of coping with stress, reducing anxiety, methods of relaxation and mechanisms of professional burnout syndrome and its prevention;	P6U_W	P6S_WG	100%	-
B.W12.	the concepts and principles of family, group, organisation, institution, population, community and ecosystem functioning;	P6U_W	P6S_WG	100%	-
B.W13.	selected areas of cultural and religious distinctiveness;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W14.	the scope of social interaction and the process of socialisation and the operation of local communities and the ecosystem;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W15.	the concepts of deviation and disorder, with particular reference to child pathology;	P6U_W	P6S_WG	100%	-
B.W16.	the phenomenon of social, cultural, ethnic, gender and age discrimination;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W17.	current and projected social changes affecting the functioning of the health care system and the conditions for the profession of a nurse;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W18.	social attitudes towards health and the health care system;	P6U_W	P6S_WG	100%	-
B.W19.	basic concepts and issues in the field of pedagogy as an applied science and the process of education in the aspect of social phenomena of illness, recovery, hospitalization and dying;	P6U_W	P6S_WG	100%	-
B.W20.	the issues of conducting health education;	P6U_W	P6S_WG	100%	-

B.W21.	methodology of health education of children, adolescents, adults and the elderly;	P6U_W	P6S_WG	100%	-
B.W22.	basic concepts of law and the role of law in the functioning of society, with particular emphasis on human rights and labour law;	P6U_W	P6S_WG	100%	-
B.W23.	basic legal regulations of the health care system, including health insurance, binding in the Republic of Poland;	P6U_W	P6S_WG	50%	50%
B.W24.	the legal basis of the nursing profession, including the rights and duties of a nurse and legal forms of practicing the profession of a nurse, the organization and tasks of the professional self-government of nurses and midwives and the rights and duties of its members;	P6U_W	P6S_WG	100%	-
B.W25.	the principles of labour, professional, civil and criminal liability associated with the practice of the profession of a nurse including adverse event, professional misconduct and medical error;	P6U_W	P6S_WG	100%	-
B.W26.	human rights, child rights and patient rights;	P6U_W	P6S_WG	100%	-
B.W27.	the concept of public health and public health tasks;	P6U_W	P6S_WG	100%	-
B.W28.	cultural, social and economic determinants of public health;	P6U_W	P6S_WG	100%	-
B.W29.	basic concepts of health and disease;	P6U_W	P6S_WG	100%	-
B.W30.	the essence of prophylaxis and prevention of disease;	P6U_W	P6S_WG	100%	-
B.W31.	principles of functioning of health care systems in the Republic of Poland and selected European Union member states and conditions of access to health services;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W32.	the specific health risks present in the residential, teaching and upbringing and work environment;	P6U_W	P6S_WG	100%	-

B.W33.	international statistical classifications, including diseases and health problems (International Statistical Classification of Diseases and Related Health Problems, ICD-10), functioning, disability and health (International Classification of Functioning, Disability and Health, ICF) and medical procedures;	P6U_W	P6S_WG, P6S_WK	-	100%
B.W34.	the subject of general and professional nursing ethics;	P6U_W	P6S_WG	100%	-
B.W35.	the essence of ethical decision-making and principles of resolving moral dilemmas in the work of a nurse;	P6U_W	P6S_WG	100%	-
B.W36.	the issues of normative ethics, including values, duties and moral proficiencies relevant to the work of a nurse;	P6U_W	P6S_WG	100%	-
B.W37.	cultural and religious distinctiveness and the resulting needs of patients, their families or guardians and the principles of nursing interventions consistent with professional ethics;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W38.	The Code of Ethics for Nurses of the International Council of Nurses (ICN) and the Code of Ethics for Nurses and Midwives of the Republic of Poland;	P6U_W	P6S_WG	100%	-
B.W39.	teamwork priorities and factors affecting team effectiveness;	P6U_W	P6S_WG	100%	-
B.W40.	the importance of team members' motivation for the quality and effectiveness of team work;	P6U_W	P6S_WG	100%	-
B.W41.	the role of leadership and management styles in teamwork and their advantages and disadvantages;	P6U_W	P6S_WG	100%	-
B.W42.	the decision-making process in a team;	P6U_W	P6S_WG	100%	-
B.W43.	methods of self-evaluation of team performance;	P6U_W	P6S_WG	100%	-
B.W44.	disruptive factors of teamwork and methods of conflict resolution in a team;	P6U_W	P6S_WG	100%	-
B.W45.	principles of effective communication in interprofessional teams;	P6U_W	P6S_WG	100%	-

B.W46.	principles of establishing contact with the patient, their family or guardian, building relationships and communicating information to the patient or authorised person and methods of improving communication with the patient, their family or guardian;	P6U_W	P6S_WG	100%	-
B.W47.	the principles of communicating with the culturally and sexually diverse patient, the visually impaired and blind patient and the hearing impaired and deaf patient;	P6U_W	P6S_WG, P6S_WK	100%	-
B.W48.	the importance of the patient's perspective in nursing care, motivating the patient to adhere to recommendations and a pro-health lifestyle;	P6U_W	P6S_WG	100%	-
B.W49.	methods of showing empathy to the patient, their family or guardian;	P6U_W	P6S_WG	100%	-
B.W50.	principles of dealing with and coping with bullying, discrimination and other pathological behaviour in the work environment.	P6U_W	P6S_WG	100%	-
NAUKI SPOŁECZNE I HUMANIZM W PIELĘGNIARSTWIE – UMIEJĘTNOŚCI (potrafi)					
B.U1.	recognise normal, disturbed and pathological behaviours;	P6U_U	P6S_UW	100%	-
B.U2.	recognise disorders in human social functioning and assess the process of human adaptation in various contexts of health and disease, and indicate the role of social and psychological support in the care of healthy and ill man;	P6U_U	P6S_UW	100%	-
B.U3.	evaluate the relationship of illness and hospitalisation to a person's physical and psychological state;	P6U_U	P6S_UW	50%	50%
B.U4.	assess human functioning in difficult situations such as stress, frustration, conflict, trauma, bereavement, physical violence, sexual violence, introduce	P6U_U	P6S_UW	100%	-

	elementary forms of psychological support and inform about specialized forms of support;				
B.U5.	identify errors and barriers in the process of communication in difficult situations, demonstrate active listening skills and create conditions for proper communication with the patient and members of the interprofessional team;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U6.	use verbal and non-verbal communication techniques in nursing practice;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U7.	identify and apply appropriate anxiety reduction techniques and relaxation methods;	P6U_U	P6S_UW	100%	-
B.U8.	apply techniques of preventing professional burnout syndrome and develop personal resources to cope with professional burnout syndrome;	P6U_U	P6S_UW	100%	-
B.U9.	apply techniques of coping with difficult situations in a nurse's professional work such as serious illness of a patient, death, medical error, physical and psychological violence;	P6U_U	P6S_UW	100%	-
B.U10.	propose actions of preventing discrimination, racism and dysfunctionality in different social groups based on the principles of humanism;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U11.	diagnose factors influencing the health situation of an individual within the family and community;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U12.	identify the educational needs in groups of recipients of nursing services;	P6U_U	P6S_UW	100%	-
B.U13.	develop educational programmes in health promotion activities for different groups of nursing service recipients;	P6U_U	P6S_UW	100%	-
B.U14.	apply legal regulations concerning the implementation of the professional practice of nursing and patient rights and safety rules;	P6U_U	P6S_UW	100%	-
B.U15.	analyse global health care trends in terms of the latest epidemiological and demographic data;	P6U_U	P6S_UW, P6S_UK	100%	-

B.U16.	analyse the functioning of health care systems in the Republic of Poland and selected European Union Member States;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U17.	apply international statistical classifications, including diseases and health problems (ICD-10), functioning, disability and health (ICF) and medical procedures;	P6U_U	P6S_UW	-	100%
B.U18.	resolve ethical and moral dilemmas that arise in the professional practice of a nurse;	P6U_U	P6S_UW	100%	-
B.U19.	recognise the needs of patients, their families or guardians in terms of cultural and religious distinctiveness and intervene in accordance with the principles of professional nursing ethics;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U20.	use selected models for organising own and team work and plan team work and motivate team members to work;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U21.	identify factors that interfere with teamwork and indicate ways to increase effectiveness in teamwork;	P6U_U	P6S_UW	100%	-
B.U22.	identify ways to solve problems presented by team members;	P6U_U	P6S_UW	100%	-
B.U23.	apply the principles of correct and effective communication with interprofessional team members;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U24.	make use of medical literature in English and, if providing education in English, medical literature in another foreign language;	P6U_U	P6S_UW, P6S_UK	100%	-
B.U25.	communicate in English, and if providing education in English, in another foreign language, at level B2 of the Common European Framework of Reference for Languages.	P6U_U	P6S_UW, P6S_UK	100%	-
NAUKI W ZAKRESIE PODSTAW OPIEKI PIELĘGNIARSKIEJ – WIEDZA (zna i rozumie)					
C.W1.	the determinants of nursing development against the background of the transformation of nursing care and the professionalisation of contemporary nursing;	P6U_W	P6S_WG, P6S_WK	100%	-

C.W2.	the concept of nursing, including supporting, helping and accompanying and the role of the patient in the delivery of nursing care;	P6U_W	P6S_WG	100%	-
C.W3.	the definition of the nursing profession according to the International Council of Nurses (ICN), the functions and professional tasks of a nurse according to the World Health Organization (WHO);	P6U_W	P6S_WG, P6S_WK	100%	-
C.W4.	the nursing process (definition, stages, principles) and methods of work organisation, including primary nursing, its essence and distinctiveness, including their impact on the quality of nursing care and the development of nursing practice;	P6U_W	P6S_WG	100%	-
C.W5.	the classifications of nursing practice (International Classification for Nursing Practice, ICNP, and NANDA's International Nursing Diagnoses, North American Nursing Diagnosis Association, NANDA);	P6U_W	P6S_WG	100%	-
C.W6.	the essence of nursing care based on selected theoretical assumptions (Florence Nightingale, Virginia Henderson, Dorothea Orem, Callista Roy, Betty Neuman);	P6U_W	P6S_WG	100%	-
C.W7.	the essence, purpose, indications, contraindications, complications, dangers, binding principles and technique of performing basic nursing activities in preventive, diagnostic, therapeutic and rehabilitative services in accordance with current guidelines;	P6U_W	P6S_WG	100%	-
C.W8.	the nurse's tasks in the care of healthy patients, patients at risk of illness and ill patients, including those with an adverse prognosis;	P6U_W	P6S_WG	100%	-
C.W9.	the extent and character of nursing care in cases of self-care deficits, impaired comfort and impaired psychomotor sphere of the patient;	P6U_W	P6S_WG	100%	-
C.W10.	the extent of nursing care and nursing interventions in selected nursing diagnoses;	P6U_W	P6S_WG	100%	-

C.W11.	the nurse's participation in the interprofessional team in the process of health promotion, prevention, diagnosis, treatment and rehabilitation;	P6U_W	P6S_WG	100%	-
C.W12.	principles of providing assistance in health emergencies;	P6U_W	P6S_WG	100%	-
C.W13.	concepts and assumptions of health promotion and prevention;	P6U_W	P6S_WG	100%	-
C.W14.	the nurse's tasks in health promotion and principles of constructing health promotion programmes;	P6U_W	P6S_WG	100%	-
C.W15.	local, national and global health promotion strategies;	P6U_W	P6S_WG, P6S_WK	100%	-
C.W16.	organisation and functioning of primary health care in the Republic of Poland and other countries, including the tasks and professional entitlements of a nurse and other health care system employees;	P6U_W	P6S_WG, P6S_WK	100%	-
C.W17.	the conditions of implementation and principles of financing nursing services in primary health care;	P6U_W	P6S_WG	100%	-
C.W18.	methods of assessment of the environment of residence, teaching and upbringing in the recognition of health problems and care planning;	P6U_W	P6S_WG	100%	-
C.W19.	the principles of coordination of health care delivery in primary health care;	P6U_W	P6S_WG	50%	50%
C.W20.	protective vaccinations and types of vaccines resulting from the current programme of protective vaccinations in the Republic of Poland and their effects;	P6U_W	P6S_WG	-	100%
C.W21.	the standards for conducting qualifying examinations for vaccinations against influenza, viral hepatitis (HBV), tetanus, COVID-19 and the performance of vaccinations against influenza, hepatitis, tetanus, COVID-19, pneumococcal, rabies and other obligatory and recommended vaccinations in accordance with the legislation on protective	P6U_W	P6S_WG	50%	50%

	vaccinations, ensuring the principles of safety for the patient and themselves;				
C.W22.	the procedures to be followed in the event of a AEFI and the principles of vaccination reporting;	P6U_W	P6S_WG	50%	50%
C.W23.	the energy, nutrient and water requirements of healthy and ill humans of different ages and health status;	P6U_W	P6S_WG	-	100%
C.W24.	the principles of nutrition for healthy and ill people of different ages, enteral and parenteral nutrition and the basics of nutrition education;	P6U_W	P6S_WG	100%	-
C.W25.	classification and types of diets;	P6U_W	P6S_WG	50%	50%
C.W26.	principles of assessment of nutritional status and causes and types of malnutrition;	P6U_W	P6S_WG	100%	-
C.W27.	basics of diet therapy in the most common diet-related diseases in children and adults;	P6U_W	P6S_WG	100%	-
C.W28.	foodstuffs for special nutritional purposes;	P6U_W	P6S_WG	-	100%
C.W29.	the concepts of job position, duties, powers and responsibilities in nursing positions;	P6U_W	P6S_WG	100%	-
C.W30.	the legislation on working time, shift work, work schedules and workload in nursing job positions;	P6U_W	P6S_WG	100%	-
C.W31.	basic methods of organising nursing care and their importance in ensuring the quality of that care;	P6U_W	P6S_WG	100%	-
C.W32.	basics of management, stages of planning the work of own and subordinate staff;	P6U_W	P6S_WG, P6S_WK	100%	-
C.W33.	the ranges of professional authority and qualifications in nursing, career planning opportunities and the determinants of one's own professional development;	P6U_W	P6S_WG	100%	-
C.W34.	determinants of quality assurance of nursing care and principles of quality management of this care;	P6U_W	P6S_WG	100%	-
C.W35.	principles of formation and development of various forms of professional activities of a nurse;	P6U_W	P6S_WG, P6S_WK	100%	-

C.W36.	the concept, principles and manner of subject examination and its documentation;	P6U_W	P6S_WG	100%	-
C.W37.	the system of describing the patient's symptoms and complaints according to OLD CART schemes (Onset – symptoms/illnesses, Location – location, Duration – duration, Character – nature, Aggravating/Alleviating factors – aggravating/mitigating factors, Radiation – radiation, Timing – moment of onset), FIFE (Feelings – feelings, Ideas – ideas, Function – function, Expectations – expectations), SAMPLE (Symptoms – symptoms, Allergies – allergies, Medications – medications, Past medical history – past illnesses/medical history, Last meal – last meal, Events prior to injury/illness – events prior to accident/illness);	P6U_W	P6S_WG	100%	-
C.W38.	the system of describing the diagnosis of a patient's condition for the care provided by the PES nurse (Problem – problem, Etiology – etiology, Symptom – symptom);	P6U_W	P6S_WG	100%	-
C.W39.	the importance of cultural and social determinants in health assessment;	P6U_W	P6S_WG	50%	50%
C.W40.	the methods and techniques of a comprehensive physical examination and its documentation;	P6U_W	P6S_WG	-	100%
C.W41.	the principles of preparing a patient for an ECG examination and the technique of performing an ECG, right ventricular ECG and ECG with additional leads;	P6U_W	P6S_WG	50%	50%
C.W42.	the principles of recognizing in the ECG recording of P, Q, R, S, T, U waveforms the features of a normal recording and the features of basic disorders (cardiac arrhythmias, conduction abnormalities, electrolyte abnormalities, myocardial ischemia and necrosis);	P6U_W	P6S_WG	100%	-

C.W43.	the type of equipment and its preparation for spirometry and the principles of performing this examination;	P6U_W	P6S_WG	100%	-
C.W44.	the importance of the results of the physical examination and physical examination in formulating an assessment of the patient's health status for nursing care;	P6U_W	P6S_WG	50%	50%
C.W45.	the ways in which a nurse can perform a physical examination and subject examination using teleinformatics or communication systems and the ways in which patient health data can be collected using digital technologies;	P6U_W	P6S_WG	50%	50%
C.W46.	the concept of healthcare-associated infections, their sources, pathogens of hospital-acquired infections, their reservoirs, routes of spread and the epidemic chain;	P6U_W	P6S_WG	100%	-
C.W47.	the organization of infection surveillance in a healthcare facility and methods of infection control, including the role of the epidemiological nurse;	P6U_W	P6S_WG	50%	50%
C.W48.	the principles of prevention and the mechanism and management of catheter-related bloodstream infection, hospital-acquired pneumonia, urinary tract infection, gastrointestinal infection of Clostridioides difficile etiology, surgical site infection, chronic wound infection and systemic infection, and the principles of aseptic and antiseptic management in the prevention of hospital-acquired infections;	P6U_W	P6S_WG	100%	-
C.W49.	the principles of construction and operation of the Medical Information System (MIS), field teleinformatics systems and medical records, and the principles of their interoperability;	P6U_W	P6S_WG	50%	50%
C.W50.	methods, tools and techniques of data acquisition and their use in the professional practice of a nurse;	P6U_W	P6S_WG	100%	-

C.W51.	the basics of sign language, dactylographic and ideographic signs, to the extent necessary to collect information about the patient's health situation;	P6U_W	P6S_WG	100%	-
C.W52.	telemedicine and e-health systems and their importance in improving the delivery of health services, including nursing services;	P6U_W	P6S_WG	50%	50%
C.W53.	types of telemedicine systems including the division into synchronous and asynchronous systems;	P6U_W	P6S_WG	50%	50%
C.W54.	technical tools used in telemedicine and e-health systems;	P6U_W	P6S_WG	100%	-
C.W55.	the scope and principles of the nurse's participation in providing health services using telemedicine and e-health systems.	P6U_W	P6S_WG	100%	-
NAUKI W ZAKRESIE PODSTAW OPIEKI PIELĘGNIARSKIEJ – UMIEJĘTNOŚCI (potrafi)					
C.U1.	apply the selected nursing method in patient care;	P6U_U	P6S_UW	100%	-
C.U2.	collect information by means of interview, observation, measurement, physical examination and analysis of documentation in order to recognize the patient's health condition, as well as interpret and document the obtained results for nursing diagnosis;	P6U_U	P6S_UW	100%	-
C.U3.	establish a plan of nursing care and implement it together with the patient, family or guardian;	P6U_U	P6S_UW	100%	-
C.U4.	monitor the patient's health status during hospitalization or other units of the health care system;	P6U_U	P6S_UW	100%	-
C.U5.	perform initial, ongoing and final assessment of the patient's health status (condition, problems, needs) and evaluation of nursing interventions undertaken;	P6U_U	P6S_UW	100%	-
C.U6.	perform measurement of blood glucose and ketone bodies with a glucometer, measurement of glucose and ketone bodies in urine with diagnostic strips,	P6U_U	P6S_UW	100%	-

	measurement of blood cholesterol and perform other strip tests;				
C.U7.	perform the procedure for hygienic hand washing and disinfection, put on and remove single-use medical gloves, put on surgical clothing, apply the principles of aseptics and antisepsis, handle medical waste, and apply personal protective equipment and post-exposure procedure;	P6U_U	P6S_UW	100%	-
C.U8.	prepare medical instruments and equipment for procedures and check the effectiveness of sterilization;	P6U_U	P6S_UW	100%	-
C.U9.	conduct, document, and evaluate the patient's fluid balance;	P6U_U	P6S_UW	50%	50%
C.U10.	perform in a patient of various ages measurements of body temperature, pulse rate, respiration, blood pressure, central venous pressure, saturation, peak expiratory flow, and anthropometric measurements (measurement of body weight, height or length of body, circumferences: head, chest, waist, Body Mass Index (BMI), adipose tissue distribution indices: waist circumference to hip circumference ratio (Waist Hip Ratio, WHR), Waist to Height Ratio (WHtR), skinfold thickness, abdominal and limb circumferences) and interpret their results;	P6U_U	P6S_UW	100%	-
C.U11.	collect material for laboratory and microbiological tests and assist the physician with diagnostic tests;	P6U_U	P6S_UW	100%	-
C.U12.	issue referrals for specific diagnostic tests;	P6U_U	P6S_UW	100%	-
C.U13.	apply anti-inflammatory treatments;	P6U_U	P6S_UW	100%	-
C.U14.	store and prepare medications according to current pharmacotherapy and nursing care standards;	P6U_U	P6S_UW	100%	-

C.U15.	calculate the drug dose, independently administer drugs to the patient by various routes in accordance with the nurse's professional authority or the doctor's written order, and medicinal products from life-saving anti-shock kits, and participate in the doctor's administration of botulinum toxin in medical procedures for the treatment of spasticity;	P6U_U	P6S_UW	100%	-
C.U16.	issue prescriptions for medications, including prescription medications, foodstuffs for special nutritional purposes, and medical devices as part of the continuation of treatment under medical orders;	P6U_U	P6S_UW	50%	50%
C.U17.	participate in the transfusion of blood and its components and blood substitutes;	P6U_U	P6S_UW	50%	50%
C.U18.	perform vaccinations against influenza, hepatitis, tetanus, COVID-19, pneumococcal, rabies and other mandatory and recommended vaccinations in accordance with the law;	P6U_U	P6S_UW	100%	-
C.U19.	recognize and classify AEFIs and characterize local and generalized body reactions occurring in the patient, and take appropriate action;	P6U_U	P6S_UW	-	100%
C.U20.	perform skin tests and sensitization tests;	P6U_U	P6S_UW	100%	-
C.U21.	perform lavage of the mouth, throat, eye, ear, stomach, bladder, intestinal fistula and wound;	P6U_U	P6S_UW	100%	-
C.U22.	insert and remove a peripheral venous catheter, including the external jugular vein, perform intravenous drip infusions, and monitor and care for the peripheral venipuncture site;	P6U_U	P6S_UW	100%	-
C.U23.	select and use available methods of feeding the patient (orally, through a gastric tube or nutritional fistula);	P6U_U	P6S_UW	100%	-

C.U24.	move and position the patient using a variety of techniques, methods and equipment, applying principles of patient and own safety;	P6U_U	P6S_UW	100%	-
C.U25.	issue orders for medical devices in continuation of a doctor's order;	P6U_U	P6S_UW	50%	50%
C.U26.	perform respiratory gymnastics and perform positioning drainage, inhalation and airway decongestion;	P6U_U	P6S_UW	100%	-
C.U27.	administer oxygen to a patient on an ad hoc basis using various methods and participate in oxygen therapy using access to a central medical gas system, oxygen cylinder or oxygen concentrator;	P6U_U	P6S_UW	100%	-
C.U28.	perform rubbing, taping, passive and active exercises;	P6U_U	P6S_UW	100%	-
C.U29.	perform hygienic procedures in a child and adult, care for the skin and its creations and mucous membranes with the use of pharmacological agents and medical materials, including the use of therapeutic baths;	P6U_U	P6S_UW	100%	-
C.U30.	assess the risk of developing bedsores and apply preventive measures;	P6U_U	P6S_UW	100%	-
C.U31.	perform rectal procedures;	P6U_U	P6S_UW	100%	-
C.U32.	nurse intestinal and urinary fistulas, including application of principles and techniques for insertion and replacement of the stoma bag and fistula care products;	P6U_U	P6S_UW	100%	-
C.U33.	insert a bladder catheter, monitor diuresis, remove the catheter and provoke micturition;	P6U_U	P6S_UW	100%	-
C.U34.	insert a gastric tube, monitor its position and patency, remove it, and replace a LPBG (low-profile balloon gastrostomy);	P6U_U	P6S_UW	100%	-
C.U35.	issue orders for foodstuffs for special nutritional use;	P6U_U	P6S_UW	50%	50%

C.U36.	select the type and technique of applying bandages and other dressing materials and apply them;	P6U_U	P6S_UW	100%	-
C.U37.	put on surgical clothing;	P6U_U	P6S_UW	100%	-
C.U38.	apply a dressing to a wound, change it or remove it;	P6U_U	P6S_UW	100%	-
C.U39.	remove sutures from a wound;	P6U_U	P6S_UW	100%	-
C.U40.	maintain medical records, including those in electronic form, and handle and safeguard them in accordance with legal regulations;	P6U_U	P6S_UW	100%	-
C.U41.	administer first aid in states of immediate threat to health and life;	P6U_U	P6S_UW	100%	-
C.U42.	immobilize bone fractures, dislocations and sprains on an ad hoc basis, and prepare the patient for transport;	P6U_U	P6S_UW	100%	-
C.U43.	temporarily stop bleeding and hemorrhage;	P6U_U	P6S_UW	100%	-
C.U44.	assess the health potential of the patient and his/her family using measurement tools;	P6U_U	P6S_UW	100%	-
C.U45.	assess the child's psychophysical development, perform screening tests and detect developmental disorders;	P6U_U	P6S_UW	100%	-
C.U46.	assess the health situation of an adult requiring primary care assistance and establish a plan of action;	P6U_U	P6S_UW	100%	-
C.U47.	select methods and forms of disease prevention and prophylaxis, shape health behaviors of various social groups, and develop and implement individual health promotion programs for patients, families and social groups;	P6U_U	P6S_UW, P6S_UK	100%	-
C.U48.	recognize determinants of patient's health behavior and risk factors of diseases resulting from lifestyle;	P6U_U	P6S_UW	100%	-
C.U49.	organize isolation of patients with infectious disease in public places and in the home environment;	P6U_U	P6S_UW	100%	-

C.U50.	implement an individual health care plan (IHCP) for patient care and coordinate individual care in the patient's home environment;	P6U_U	P6S_UW, P6S_UK	100%	-
C.U51.	plan care for the patient and family using International Classification for Nursing Practice (ICNP, NANDA), nursing capacity assessments, and environmental ecomaps;	P6U_U	P6S_UW, P6S_UK	100%	-
C.U52.	prepare records of prescription forms of medicinal substances in the continuation of treatment;	P6U_U	P6S_UW	50%	50%
C.U53.	teach the patient self-monitoring of health status;	P6U_U	P6S_UW	100%	-
C.U54.	provide primary health care services;	P6U_U	P6S_UW	100%	-
C.U55.	assess the environment of residence, teaching and upbringing in identifying health problems and planning care;	P6U_U	P6S_UW, P6S_UK	100%	-
C.U56.	assess the nutritional status of the organism using anthropometric, biochemical methods and subject examination, and provide nutrition counselling;	P6U_U	P6S_UW	100%	-
C.U57.	use and prescribe therapeutic diets;	P6U_U	P6S_UW	50%	50%
C.U58.	select foodstuffs for special nutritional use and issue prescriptions for them as part of the implementation of medical orders and provide information on their use;	P6U_U	P6S_UW	100%	-
C.U59.	make decisions on the selection of work methods and cooperation in a team;	P6U_U	P6S_UW	100%	-
C.U60.	monitor the hazards of the nurse's work and the factors that contribute to the occurrence of occupational diseases and accidents at work;	P6U_U	P6S_UW	100%	-
C.U61.	participate in the development of standards and procedures for nursing practice and monitor the quality of nursing care;	P6U_U	P6S_UW, P6S_UK	100%	-
C.U62.	supervise and evaluate the work of subordinate staff;	P6U_U	P6S_UW	100%	-

C.U63.	plan one's own professional development and develop skills of active job search and analyse various forms of professional activities of a nurse;	P6U_U	P6S_UW	100%	-
C.U64.	perform a subjective examination of the patient, analyse and interpret the results;	P6U_U	P6S_UW	50%	50%
C.U65.	select and use clinimetric tools to assess the patient's condition;	P6U_U	P6S_UW	50%	50%
C.U66.	recognize and interpret basic peculiarities in the examination of a child and an adult, including an elderly person;	P6U_U	P6S_UW	50%	50%
C.U67.	use physical examination techniques to assess the physiological and pathological functions of the skin, sensory organs, head, chest, patient's mammary glands (examination and self-examination), abdominal cavity, genital organs, cardiovascular system, respiratory system, peripheral circulatory system, musculoskeletal system and nervous system, and document the results of the physical examination and use them to assess the patient's condition;	P6U_U	P6S_UW	50%	50%
C.U68.	perform a thorough physical examination of a patient, document the results of the examination and analyse them for nursing care, apply a comprehensive assessment of a patient's health status according to the four A's scheme (Analgesia – anesthesia, Activity of daily living – activities of daily living, Adverse effects – adverse effects, Aberrant behaviors – drug-related adverse effects), apply the system of describing the patient's health status diagnosis for PES nursing care, and assess the completeness of the collected information on the patient's health situation according to the SOAP scheme (Subjective – subjective data, Objective – objective data, Assessment – evaluation, Plan/Protocol – action plan);	P6U_U	P6S_UW	50%	50%

C.U69.	collect patient health data using digital technologies;	P6U_U	P6S_UW	100%	-
C.U70.	perform ECG examination in a patient of different ages at rest, interpret the components of a normal recording of bioelectrical function of the heart, recognize disorders that are life and health threatening;	P6U_U	P6S_UW	100%	-
C.U71.	perform a spirometric examination and make a preliminary assessment of the result of the examination in a patient of different age and health status;	P6U_U	P6S_UW	100%	-
C.U72.	apply the principles of prevention and control of healthcare-associated infections;	P6U_U	P6S_UW	100%	-
C.U73.	apply the principles of prevention of catheter-related bloodstream infections, hospital-acquired pneumonia, urinary tract infections, gastrointestinal infections of Clostridioides difficile etiology, surgical site infections, chronic wound infections, and systemic infection;	P6U_U	P6S_UW	100%	-
C.U74.	apply the personal protective equipment necessary to ensure the safety of themselves, patients and colleagues from healthcare-associated infections and implement the appropriate type of patient isolation;	P6U_U	P6S_UW	100%	-
C.U75.	interpret and apply the functional assumptions of health care information systems using advanced methods and information technology in the performance and contracting of health care services;	P6U_U	P6S_UW	100%	-
C.U76.	handle medical records and observe the principles of security and confidentiality of medical information and protection of personal data;	P6U_U	P6S_UW	100%	-
C.U77.	use sign language and other ways and means of communication in the care of hearing-impaired and deaf patients;	P6U_U	P6S_UW	100%	-
C.U78.	apply tools used in telemedicine and e-health systems;	P6U_U	P6S_UW	100%	-

C.U79.	document the patient's health situation, the dynamics of its changes and the nursing care provided, taking into account teleinformatic tools for data collection;	P6U_U	P6S_UW	100%	-
C.U80.	support the patient in the use of telemedicine systems for self-care in health and disease status.	P6U_U	P6S_UW	100%	-
NAUKI W ZAKRESIE OPIEKI SPECJALISTYCZNEJ – WIEDZA (zna i rozumie)					
D.W1.	risk factors and health risks in patients of different ages;	P6U_W	P6S_WG	100%	-
D.W2.	etiopathogenesis, clinical symptoms, course, treatment, prognosis and principles of nursing care of patients in selected diseases, including neoplastic diseases;	P6U_W	P6S_WG	50%	50%
D.W3.	types of diagnostic tests, their clinical significance and principles of ordering them, as well as the nurse's professional authority to make referrals for diagnostic tests in specific clinical conditions;	P6U_W	P6S_WG	50%	50%
D.W4.	the principles of preparing a patient of different ages and health status for examinations and diagnostic procedures, as well as the principles of care during and after these examinations and procedures;	P6U_W	P6S_WG	100%	-
D.W5.	principles and scope of pharmacotherapy in various clinical conditions;	P6U_W	P6S_WG	-	100%
D.W6.	the properties of medication groups and their effects on the systems and organs of the patient's body in various diseases depending on age and health status, including adverse effects, interactions with other medications and routes of administration;	P6U_W	P6S_WG	-	100%
D.W7.	the principles of organization of specialized care (internal medicine, surgery, operating theater, paediatric, geriatric, neurological, psychiatric, hospital emergency ward, intensive care, palliative and long-term care, and cancer patient);	P6U_W	P6S_WG	100%	-

D.W8.	nursing standards and procedures used in caring for patients of different ages and health conditions;	P6U_W	P6S_WG	100%	-
D.W9.	reactions of the patient of different ages to illness, hospital admission and hospitalization;	P6U_W	P6S_WG	100%	-
D.W10.	methods and techniques for communicating with a patient unable to establish and maintain effective communication due to medical condition or treatment used;	P6U_W	P6S_WG	100%	-
D.W11.	principles of patient nutrition including dietary treatment, pre- and post-operative indications according to current guidelines, recommendations and protocols (Enhanced Recovery After Surgery, ERAS);	P6U_W	P6S_WG	-	100%
D.W12.	types and principles of use of foodstuffs for special nutritional purposes in specific clinical conditions;	P6U_W	P6S_WG	-	100%
D.W13.	principles of care for patients with nutritional fistulas, in particular Percutaneous Endoscopic Gastrostomy (PEG), gastrostomy, microjejunostomy, excretory fistulas (colostomy, ileostomy, urostomy) and fistulas resulting from complications;	P6U_W	P6S_WG	100%	-
D.W14.	the principles of preparing the patient for emergency and scheduled surgery, in one-day surgery, and the principles of caring for the patient after surgery to prevent early and late complications;	P6U_W	P6S_WG	100%	-
D.W15.	factors that increase perioperative risk;	P6U_W	P6S_WG	100%	-
D.W16.	principles of patient observation after surgery including basic and extended monitoring;	P6U_W	P6S_WG	100%	-
D.W17.	methods and scales of acute pain assessment and evaluation of sedation level;	P6U_W	P6S_WG	-	100%
D.W18.	pathophysiology, clinical symptoms, course, treatment and prognosis of diseases of developmental age: diseases of the respiratory system, cardiovascular	P6U_W	P6S_WG	-	100%

	system, nervous system, urinary system, gastrointestinal system and endocrine, metabolic, allergic and blood diseases;				
D.W19.	the pathophysiology, clinical symptoms of diseases and life-threatening conditions of the newborn, including the premature infant, and the essence of nursing care in this regard;	P6U_W	P6S_WG	50%	50%
D.W20.	the purpose and principles of preconception care and the principles of planning care for a woman in physiological pregnancy;	P6U_W	P6S_WG	100%	-
D.W21.	the periods of labour, the principles of management of emergency labour, and the principles of care for a woman in the puerperium;	P6U_W	P6S_WG	50%	50%
D.W22.	the etiopathogenesis of gynecological disorders;	P6U_W	P6S_WG	-	100%
D.W23.	the process of aging in biological, psychological, social and economic aspects;	P6U_W	P6S_WG	100%	-
D.W24.	pathophysiology, clinical symptoms, course, treatment and prognosis of diseases of old age: dementia syndrome, delirium, depression, gait and balance disorders, malnutrition, osteoporosis, orthostatic hypotonia, diseases of the organ of sight and the organ of hearing, incontinence and injuries sustained as a result of falls;	P6U_W	P6S_WG	-	100%
D.W25.	tools and scales for comprehensive geriatric assessment and evaluation of support for older adults and their families or guardians;	P6U_W	P6S_WG	100%	-
D.W26.	principles of improvement and activation of the elderly;	P6U_W	P6S_WG	100%	-
D.W27.	methods, techniques and tools for assessing state of awareness and consciousness;	P6U_W	P6S_WG	50%	50%

D.W28.	etiopathogenesis and clinical symptoms of basic mental disorders in children, adolescents and adults, including the elderly;	P6U_W	P6S_WG	-	100%
D.W29.	the possibilities of building a therapeutic relationship, the use of therapeutic communication, elementary psychotherapy and other methods of support and therapy for patients with mental disorders (children, adolescents and adults, including the elderly), taking into account all levels of health services (outpatient, intermediate, hospital and in the patient's living environment);	P6U_W	P6S_WG	100%	-
D.W30.	principles applicable to the use of direct coercion;	P6U_W	P6S_WG	-	100%
D.W31.	standards and procedures for emergency management and current guidelines of the Polish Resuscitation Council (PRC) and the European Resuscitation Council (ERC);	P6U_W	P6S_WG	50%	50%
D.W32.	algorithms of resuscitation management for Basic Life Support (BLS) and Advanced Life Support (ALS) according to PRC and ERC guidelines;	P6U_W	P6S_WG	50%	50%
D.W33.	the principles of organization and operation of the State Emergency Medical Service system;	P6U_W	P6S_WG	-	100%
D.W34.	the procedures of medical security in mass incidents, disasters and other special situations and the principles of ensuring the safety of persons providing aid, the injured and witnesses to the incident;	P6U_W	P6S_WG	-	100%
D.W35.	the tasks performed in the position of a nurse in a hospital emergency ward;	P6U_W	P6S_WG	100%	-
D.W36.	the principles of admitting a patient to a hospital emergency ward and the medical segregation systems applied in the ward;	P6U_W	P6S_WG	100%	-
D.W37.	emergency management in the hospital emergency ward in emergency conditions according to the	P6U_W	P6S_WG	50%	50%

	disease unit and indications for instrumental airway management by supraglottic methods;				
D.W38.	methods of anaesthesia and principles of patient care after anaesthesia;	P6U_W	P6S_WG	-	100%
D.W39.	pathophysiology and clinical symptoms of life-threatening diseases (respiratory failure, circulatory failure, nervous system disorders, shock, sepsis);	P6U_W	P6S_WG	-	100%
D.W40.	preventive measures of sleep disorders in the patient, including in intensive care, and delirious states, their causes and consequences;	P6U_W	P6S_WG	100%	-
D.W41.	principles of prevention of complications associated with the use of invasive diagnostic and therapeutic techniques in patients in a life-threatening condition;	P6U_W	P6S_WG	-	100%
D.W42.	the process of dying, symptoms of impending death and principles of care in the last hours of life of patients with untreatable diseases;	P6U_W	P6S_WG	50%	50%
D.W43.	the organization of health care services, the principles of admission and stay of patients in long-term care facilities;	P6U_W	P6S_WG	50%	50%
D.W44.	the role and tasks of the long-term care nurse in providing complex care and treatment of patients and the principles of cooperation with health and social care institutions;	P6U_W	P6S_WG	100%	-
D.W45.	world trends in the development of long-term care with the use of the latest medical and digital technologies;	P6U_W	P6S_WG, P6S_WK	100%	-
D.W46.	basic directions of therapeutic and occupational rehabilitation;	P6U_W	P6S_WG	100%	-
D.W47.	the course and methods of rehabilitation management in various diseases;	P6U_W	P6S_WG	100%	-
D.W48.	the importance of scientific research for nursing practice and the development of the nursing profession;	P6U_W	P6S_WG, P6S_WK	100%	-

D.W49.	nursing scientific organizations and their role in scientific research;	P6U_W	P6S_WG	100%	-
D.W50.	the subject, purpose and area of scientific research and paradigms of nursing;	P6U_W	P6S_WG, P6S_WK	100%	-
D.W51.	methods and techniques of scientific research in nursing;	P6U_W	P6S_WG	100%	-
D.W52.	the principles of ethics in the conduct of scientific research and the basic legal regulations of copyright and intellectual property law in the professional activity of a nurse;	P6U_W	P6S_WG, P6S_WK	100%	-
D.W53.	basic principles of patient and medical staff participation in clinical research.	P6U_W	P6S_WG, P6S_WK	100%	-
NAUKI W ZAKRESIE OPIEKI SPECJALISTYCZNEJ – UMIEJĘTNOŚCI (potrafi)					
D.U1.	collect information, formulate a nursing diagnosis, establish nursing goals and care plan, implement nursing interventions, and evaluate nursing care;	P6U_U	P6S_UW	100%	-
D.U2.	use scales and questionnaires to assess a patient's condition or functional capacity in specific health situations;	P6U_U	P6S_UW	100%	-
D.U3.	perform various techniques to measure vital signs (including arterial pressure on the arteries of the upper and lower extremities, respiration, body temperature, saturation, consciousness) and evaluate the results obtained and use them to plan care in various clinical conditions;	P6U_U	P6S_UW	100%	-
D.U4.	perform a thorough subjective examination and physical examination in various clinical conditions for planning and implementation of nursing care;	P6U_U	P6S_UW	100%	-
D.U5.	assess the level of pain, the patient's response to pain and its severity, and apply pharmacological and non-pharmacological methods of pain management;	P6U_U	P6S_UW	50%	50%

D.U6.	assist the doctor during diagnostic examinations of body cavities (abdominal puncture, pleural puncture, marrow collection, lumbar puncture) and endoscopy;	P6U_U	P6S_UW	100%	-
D.U7.	prepare and administer medications to the patient by various routes in accordance with the nurse's professional authority or the doctor's written order in specific clinical conditions, as well as medicinal products from life-saving anti-shock kits;	P6U_U	P6S_UW	100%	-
D.U8.	issue prescriptions for medications in fulfilment of doctor's orders in specific clinical conditions;	P6U_U	P6S_UW	100%	-
D.U9.	recognize complications of pharmacotherapy, dietary treatment, and those resulting from therapeutic measures and nursing;	P6U_U	P6S_UW	100%	-
D.U10.	select and administer diet therapy and carry out enteral nutrition (via gastric tube and nutritional fistula) and parenteral nutrition in children and adults;	P6U_U	P6S_UW	100%	-
D.U11.	conduct prophylaxis of complications occurring in the course of diseases;	P6U_U	P6S_UW	100%	-
D.U12.	provide counselling on self-care for patients of different ages and health status regarding malformations, diseases and mental disorders, including addictions, taking into account the families of these patients;	P6U_U	P6S_UW, P6S_UK	100%	-
D.U13.	conduct bedside rehabilitation and patient activation using elements of occupational therapy;	P6U_U	P6S_UW	100%	-
D.U14.	educate the patient, family or guardian on the selection and use of nursing and rehabilitation equipment and medical products;	P6U_U	P6S_UW	100%	-
D.U15.	conduct a therapeutic conversation;	P6U_U	P6S_UW, P6S_UK	100%	-
D.U16.	use the methods of communication with a patient unable to establish and maintain effective	P6U_U	P6S_UW, P6S_UK	100%	-

	communication due to a medical condition or treatment applied;				
D.U17.	communicate with members of the interprofessional team in terms of obtaining and conveying information about the patient's condition;	P6U_U	P6S_UW, P6S_UK, P6S_UO	100%	-
D.U18.	organize isolation of patients with infection and infectious disease in treatment entities;	P6U_U	P6S_UW	100%	-
D.U19.	administer oxygen to the patient on an ad hoc basis and monitor the patient's condition during oxygen therapy in various clinical conditions;	P6U_U	P6S_UW	100%	-
D.U20.	perform an ECG examination on a patient of various ages at rest and recognize life-threatening conditions;	P6U_U	P6S_UW	100%	-
D.U21.	calculate doses of peripheral insulin taking into account the patient's test results, including modifying the fixed dose of insulin;	P6U_U	P6S_UW	50%	50%
D.U22.	prepare the patient physically and mentally for diagnostic tests and surgery in urgent and scheduled modes;	P6U_U	P6S_UW	100%	-
D.U23.	recognize complications after specialized diagnostic tests and surgical procedures;	P6U_U	P6S_UW	100%	-
D.U24.	select technique and methods of wound care, including removal of sutures and placement of specialized dressings;	P6U_U	P6S_UW	100%	-
D.U25.	select methods and means of wound care based on their classification;	P6U_U	P6S_UW	100%	-
D.U26.	nurse a patient with intestinal and urinary fistula;	P6U_U	P6S_UW	100%	-
D.U27.	transfer a patient, according to procedures, to the operating theatre for invasive examinations or admit a patient from the operating theatre after invasive examinations, transfer a patient from the ward to another ward, laboratory, treatment entity and transfer information about the patient according to	P6U_U	P6S_UW	100%	-

	the principles of the SBAR protocol (Situation – situation, Background – background, Assessment – evaluation, Recommendation – recommendation);				
D.U28.	ensure the safety of the woman and child in an emergency delivery situation;	P6U_U	P6S_UW	-	-
D.U29.	assess the capabilities and functional deficits of an elderly person in daily life, using scales included in the scope of comprehensive geriatric assessment;	P6U_U	P6S_UW	100%	-
D.U30.	recognize the risk of frailty syndrome (frailty syndrome) in an elderly person, using recommended assessment scales, and on this basis establish nursing care priorities and preventive actions to prevent worsening of functional deficits;	P6U_U	P6S_UW	100%	-
D.U31.	apply BLS and ALS resuscitation algorithms in accordance with PRC and ERC guidelines;	P6U_U	P6S_UW	100%	-
D.U32.	maintain medical records in a hospital emergency ward in accordance with the law;	P6U_U	P6S_UW	100%	-
D.U33.	apply the system of medical segregation in the hospital emergency ward;	P6U_U	P6S_UW	100%	-
D.U34.	analyse and critically assess the needs of patients requiring enhanced medical care (elderly, infirm, lonely, chronically ill, and those requiring direct coercion) in a hospital emergency ward, and respond to these needs by adjusting nursing interventions accordingly;	P6U_U	P6S_UW	100%	-
D.U35.	prepare the patient for medical transport and provide care during this transport;	P6U_U	P6S_UW	100%	-
D.U36.	apply the procedures of nursing in health and life-threatening emergencies;	P6U_U	P6S_UW	100%	-
D.U37.	apply the guidelines of conduct in clinical conditions in the hospital emergency ward;	P6U_U	P6S_UW	100%	-
D.U38.	nurse a patient with an endotracheal or tracheostomy tube and mechanically ventilated patient;	P6U_U	P6S_UW	100%	-

D.U39.	perform bronchial tree toilet with open or closed system in a patient with specific clinical conditions;	P6U_U	P6S_UW	100%	-
D.U40.	nurse peripheral and central venous vascular and intravenous access;	P6U_U	P6S_UW	100%	-
D.U41.	recognize agony and nurse a dying patient;	P6U_U	P6S_UW	50%	50%
D.U42.	handle a deceased patient's body according to procedure;	P6U_U	P6S_UW	100%	-
D.U43.	perform patient assessment as part of the qualification procedure for admission to long-term care services (home, day, and inpatient);	P6U_U	P6S_UW	100%	-
D.U44.	plan, organize and coordinate the process of providing health services to nursing patients in long-term home care, day care or inpatient long-term care facilities;	P6U_U	P6S_UW	100%	-
D.U45.	utilize organizational innovations and the latest medical and digital technologies in long-term care;	P6U_U	P6S_UW	100%	-
D.U46.	critically analyse published research findings and identify opportunities for their use in the professional practice of a nurse;	P6U_U	P6S_UW	100%	-
D.U47.	apply copyright and intellectual property law regulations in the professional activities of a nurse.	P6U_U	P6S_UW	100%	-
PRAKTYCZNE NAUCZANIE KLINICZNE NA VI ROKU STUDIÓW – UMIEJĘTNOŚCI⁷ (potrafi samodzielnie)					

⁷ Dla kierunków: lekarskiego, lekarsko - dentystycznego efekty uczenia się nabywane na ostatnim roku studiów w zakresie Praktycznego Nauczania Klinicznego

Dla kierunków studiów przygotowujących do wykonywania zawodów: lekarza, lekarza dentysty, farmaceuty, pielęgniarki, położnej, diagnosty laboratoryjnego, fizjoterapeuty, ratownika medycznego efekty ogólne z zakresu wiedzy i umiejętności stanowiące sumę efektów szczegółowych (z wyszczególnieniem tych efektów):

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