TABLE of LEARNING OUTCOMES

Name of the field of study: NURSING
level of education: first-cycle studies
POLISH QUALIFICATIONS FRAMEWORK – LEVEL 6
educational profile: practical
disciplines:
- *field: medical and health sciences – discipline: medical sciences (58% - leading discipline)*
- *field: medical and health sciences – discipline: health sciences (42%)*

Symbol	Learning outcomes for the field of study On completing first-cycle NURSING studies, the graduate:	Reference to the universal descriptors for the given level of PQF	Reference to second stage descriptors of the Polish Qualifications Framework
	KNOWLEDGE		
A. BASIC SCIENCES			
A.W1.	knows and understands human body structure in a topographic view (upper and lower limbs, chest, abdomen, pelvis, back, neck, head) and a functional one (systems: osteoarticular, muscular, circulatory, respiratory, digestive, urogenital, nervous, sensory; integument);	P6U_W	P6S_WG
A.W2.	knows and understands neurohormonal regulation of physiological and electro-physiological processes in a body;	P6U_W	P6S_WG
A.W3.	knows and understands the participation of body systems and organs in maintaining body homeostasis;	P6U_W	P6S_WG
A.W4.	knows and understands the physiology of particular systems and organs of the body;	P6U_W	P6S_WG
A.W5.	knows and understands the basics of activity of regulation systems (homeostasis) and the role of positive and negative feedback;	P6U_W	P6S_WG
A.W6.	knows and understands the basic concepts in general pathology and the pathology of particular body systems;	P6U_W	P6S_WG
A.W7.	knows and understands selected issues in organ pathology of the circulatory, respiratory, digestive, endocrine, metabolic, genitourinary and nervous systems;	P6U_W	P6S_WG
A.W8.	knows and understands external and internal, modifiable and non-modifiable pathogenic factors;	P6U_W	P6S_WG
A.W9.	knows and understands genetic determination of human blood groups and of serological conflict in the Rh system;	P6U_W	P6S_WG

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A.W10.	knows and understands issues of genetically determined diseases;	P6U_W	P6S_WG
A.W11.	knows and understands the structure of chromosomes and molecular basis for mutagenesis;	P6U_W	P6S_WG
A.W12.	knows and understands principles of inheriting various number of traits, inheriting quantitative traits, independent trait inheritance and extranuclear genetic information inheritance;	P6U_W	P6S_WG
A.W13.	knows and understands the physicochemical basic for the functioning of senses using physical information carriers (sound and electromagnetic waves);	P6U_W	P6S_WG
A.W14.	knows and understands vitamins, aminoacids, nucleosides, monosaccharides, carboxylic acids and their derivatives, co-forming the macromolecules present in cells, extracellular matrix and body fluids;	P6U_W	P6S_WG
A.W15.	knows and understands the regulation mechanisms and biophysical basics of the functioning of metabolism in the body;	P6U_W	P6S_WG
A.W16.	knows and understands the impact of external factors, such as temperature, gravity, pressure, electromagnetic field and ionising radiation on the body;	P6U_W	P6S_WG
A.W17.	knows and understands the classification of microorganisms with consideration of pathogenic microorganisms and those present in human physiological microbiota;	P6U_W	P6S_WG
A.W18.	knows and understands the basic concepts in microbiology and parasitology as well as the methods used in microbiological diagnostics;	P6U_W	P6S_WG
A.W19.	knows and understands individual groups of therapeutic agents, the main mechanisms of their action and the changes in the system and side effects caused by them;	P6U_W	P6S_WG
A.W20.	knows and understands the basic principles of pharmacotherapy;	P6U_W	P6S_WG
A.W21.	knows and understands individual groups of medicines, active substances contained in medicines, the use of medicines as well as the forms and routes of their administration;	P6U_W	P6S_WG
A.W22.	knows and understands the influence of disease processes on metabolism and medicines elimination;	P6U_W	P6S_WG
A.W23.	knows and understands the major adverse effects of medicines, including those resulting from medicine interactions, and the procedure for reporting adverse effects of medicines;	P6U_W	P6S_WG
A.W24.	knows and understands the rules of issuing prescriptions as part of the execution of medical orders;	P6U_W	P6S_WG
A.W25.	knows and understands the principles of treatment with blood and blood substitutes;	P6U_W	P6S_WG

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A.W26.	knows and understands imaging methods and principles of imaging with those methods as well as principles of radiological protection.	P6U_W	P6S_WG
B. SOCIAL SCIENCES AND HUMANITIES			
B.W1.	knows and understands psychological basis of human development, normal behaviour and behaviour disorders;	P6U_W	P6S_WG
B.W2.	knows and understands issues of the human – social environment relation and the mechanisms of humans functioning in difficult situations;	P6U_W	P6S_WG
B.W3.	knows and understands stages of psychological development of the human and the regularities occurring at those stages;	P6U_W	P6S_WG
B.W4.	knows and understands the concept of emotions and motivation as well as personality disorders;	P6U_W	P6S_WG
B.W5.	knows and understands the essence, structure and phenomena occurring in the process of information exchange as well as models and styles of interpersonal communication;	P6U_W	P6S_WG
B.W6.	knows and understands techniques of anxiety reduction, relaxation methods, mechanisms of professional burnout syndrome occurrence and of preventing it;	P6U_W	P6S_WG
B.W7.	knows and understands concepts and principles of the functioning of a group, organisation, institution, population, community and ecosystem;	P6U_W	P6S_WG
B.W8.	knows and understands selected areas of cultural and religious differences;	P6U_W	P6S_WG
B.W9.	knows and understands the scope of social interaction and the socialisation process as well as the functioning of local communities and ecosystem;	P6U_W	P6S_WG
B.W10.	knows and understands the concepts of deviation and disturbance, with particular consideration of child pathology;	P6U_W	P6S_WG
B.W11.	knows and understands the phenomenon of social, cultural, ethnic and gender discrimination;	P6U_W	P6S_WG
B.W12.	knows and understands basic concepts and issues within pedagogics as an applied science and the educational process in social phenomenon view (illness, recovery, hospitalisation, dying);	P6U_W	P6S_WK
B.W13.	knows and understands issues of the didactic process with regard to health education;	P6U_W	P6S_WK
B.W14.	knows and understands methodology of health education of children, young people and adults;	P6U_W	P6S_WG
B.W15.	knows and understands basic concepts within law and the role of law in the life of society, with particular consideration of human rights and labour law;	P6U_W	P6S_WG

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B.W16.	knows and understands basic legal regulations within health insurance binding in the Republic of Poland and other member states of the European Union, as well as selected trends in health protection policy in the Republic of Poland and other member states of the European Union;	P6U_W	P6S_WK
B.W17.	knows and understands the legal foundations for pursuing the nursing profession, including the rights and duties of a nurse, organisation and tasks of a professional association of nurses and midwives and the rights and duties of its members;	P6U_W	P6S_WG
B.W18.	knows and understands the principles of criminal, civil, employee and professional liability connected with pursuing the profession of a nurse;	P6U_W	P6S_WG
B.W19.	knows and understands human rights, children's rights and patients' rights;	P6U_W	P6S_WG
B.W20.	knows and understands tasks within public health;	P6U_W	P6S_WG
B.W21.	knows and understands the cultural, social and economic determinants of public health;	P6U_W	P6S_WG
B.W22.	knows and understands the basic concepts concerning health and disease;	P6U_W	P6S_WK
B.W23.	knows and understands the essence of disease prevention;	P6U_W	P6S_WK
B.W24.	knows and understands principles of the functioning of the medical services market in Poland and selected EU member states;	P6U_W	P6S_WK
B.W25.	knows and understands specific health risks in the living, education and work environment;	P6U_W	P6S_WK
B.W26.	knows and understands international statistical classifications, including those concerning diseases and health problems (ICD-10), medical procedures (ICD-9), and functioning, disability and health (ICF).	P6U_W	P6S_WK
C. BASIC NURSING AND PATIENT CARE			
C.W1.	knows and understands the conditions of the development of nursing against the background of the transformation of nursing care and professionalisation of modern nursing;	P6U_W	P6S_WG
C.W2.	knows and understands the concept of nursing, including support, assistance and aid;	P6U_W	P6S_WG
C.W3.	knows and understands the professional functions and tasks of a nurse and the role of the patient in the process of providing nursing care;	P6U_W	P6S_WG
C.W4.	knows and understands the process of nursing (essence, stages, principles) and primary nursing (essence, differences) as well as the impact of traditional nursing on the functioning of nursing practice;	P6U_W	P6S_WG

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C.W5.	knows and understands classifications of nursing diagnoses and practices;	P6U_W	P6S_WG
C.W6.	knows and understands the essence of nursing care based on selected theoretical principles (Florence Nightingale, Virginia Henderson, Dorothea Orem, Callista Roy, Betty Neuman);	P6U_W	P6S_WG
C.W7.	knows and understands the essence, purpose, indications, contraindications, complications, applicable rules and techniques for performing basic nursing, diagnostic, therapeutic and rehabilitation activities;	P6U_W	P6S_WG
C.W8.	knows and understands the tasks of a nurse in caring for a patient who is healthy, at risk of illness, sick and one with unfavourable prognosis;	P6U_W	P6S_WG
C.W9.	knows and understands the scope and nature of nursing care in selected patient conditions, clinical situations, self-care deficit, disturbed comfort, disturbed psychomotor sphere;	P6U_W	P6S_WG
C.W10.	knows and understands the scope of nursing care and nursing interventions in selected nursing diagnoses;	P6U_W	P6S_WG
C.W11.	knows and understands the role of a nurse in an interdisciplinary team in the process of health promotion, disease prevention, diagnosis, treatment and rehabilitation;	P6U_W	P6S_WG
C.W12.	knows and understands the subject matter of general and professional ethics;	P6U_W	P6S_WG
C.W13.	knows and understands the essence of making ethical decisions and solving moral dilemmas in nursing practice;	P6U_W	P6S_WG
C.W14.	knows and understands issues of normative ethics, including axiology of moral values, duties and skills important in a nurse's work;	P6U_W	P6S_WG
C.W15.	knows and understands the code of professional ethics of nurses and midwives;	P6U_W	P6S_WK
C.W16.	knows and understands principles of health promotion and preventive healthcare;	P6U_W	P6S_WK
C.W17.	knows and understands principles of constructing health promotion programs;	P6U_W	P6S_WK
C.W18.	knows and understands strategies of local, national and global health promotion;	P6U_W	P6S_WG
C.W19.	knows and understands the organization and functioning of primary health care in the Republic of Poland and other countries, including the tasks of a nurse and other healthcare system employees;	P6U_W	P6S_WG
C.W20.	knows and understands the conditions of provision of and the principles of financing nursing services in primary health care;	P6U_W	P6S_WG
C.W21.	knows and understands methods of assessing the educational environment within recognising health problems of children and adolescents;	P6U_W	P6S_WG

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C.W22.	knows and understands the body's need for nutrients;	P6U_W	P6S_WG
C.W23.	knows and understands the principles of nutrition of healthy and sick people of all ages as well as enteral and parenteral nutrition;	P6U_W	P6S_WG
C.W24.	knows and understands the principles of dietary treatment and complications of diet therapy;	P6U_W	P6S_WG
C.W25.	knows and understands the types and uses of foodstuffs for particular nutritional uses;	P6U_W	P6S_WG
C.W26.	knows and understands the concept of a job position, scope of duties, powers and responsibilities;	P6U_W	P6S_WG
C.W27.	knows and understands legal regulations regarding working time, shift work, work schedule and workload in nursing positions;	P6U_W	P6S_WG
C.W28.	knows and understands the basic methods of nursing care organization and their importance for the quality of that care;	P6U_W	P6S_WG
C.W29.	knows and understands the stages of planning own work and that of subordinate staff;	P6U_W	P6S_WK
C.W30.	knows and understands the possibilities of career planning and the determinants of one's own professional development;	P6U_W	P6S_WK
C.W31.	knows and understands the issues of quality in health care;	P6U_W	P6S_WK
C.W32.	knows and understands the concept and principles of conducting medical interview and of its documentation;	P6U_W	P6S_WK
C.W33.	knows and understands the methods and techniques of comprehensive physical examination;	P6U_W	P6S_WK
C.W34.	knows and understands the importance of the results of medical interview and physical examination in formulating the assessment of a patient's health condition for the needs of nursing care;	P6U_W	P6S_WK
C.W35.	knows and understands the manners of conducting physical examination with the use of ICT systems or communication systems;	P6U_W	P6S_WK
C.W36.	knows and understands the concept of infections related to provision of health services, including nosocomial infections, considering the sources and reservoir of microorganisms in hospital and non-hospital environment, including the routes of their transmission;	P6U_W	P6S_WG
C.W37.	knows and understands the manners of controlling the transmission, preventing and combating nosocomial infections;	P6U_W	P6S_WG
C.W38.	knows and understands the mechanism and methods of managing blood infection, systemic infection, nosocomial pneumonia, urinary tract infection and surgical site infection;	P6U_W	P6S_WG

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C.W39.	knows and understands the construction and functioning of the Medical Information System (SIM), domain teleinformation systems and medical registers, as well as the principles of their interoperability;	P6U_W	P6S_WG
C.W40.	knows and understands the methods, tools and techniques of data acquisition;	P6U_W	P6S_WG
C.W41.	knows and understands the fundamentals of a chosen sign language, dactylographic and ideographic signs, within the range necessary for gathering health-related patient information;	P6U_W	P6S_WG
C.W42.	knows and understands the principles of communication with a patient with hearing loss;	P6U_W	P6S_WG
C.W43.	knows and understands the priorities of teamwork and factors impacting the effectiveness of teamwork;	P6U_W	P6S_WG
C.W44.	knows and understands the importance of team member motivation for the quality and effectiveness of work;	P6U_W	P6S_WG
C.W45.	knows and understands the role of leadership and management styles in teamwork and their advantages and disadvantages;	P6U_W	P6S_WG
C.W46.	knows and understands the decision-making process in a team;	P6U_W	P6S_WG
C.W47.	knows and understands the methods of team self-assessment;	P6U_W	P6S_WG
C.W48.	knows and understands factors which disrupt teamwork, and methods of resolving conflicts in a team.	P6U_W	P6S_WG
D. SPECIALIZED HEALTHCARE			
D.W1.	knows and understands the risk factors and health risks in patients of all ages;	P6U_W	P6S_WG
D.W2.	knows and understands the etiopathogenesis, clinical symptoms, course, treatment, prognosis and principles of nursing care for patients in selected diseases;	P6U_W	P6S_WG
D.W3.	knows and understands the principles of diagnosing and planning patient care in internal medicine, surgical, obstetric and gynaecological, paediatric, geriatric, neurological, psychiatric nursing, intensive care, palliative care and long-term care;	P6U_W	P6S_WG
D.W4.	knows and understands the types of diagnostic tests and the principles of commissioning them;	P6U_W	P6S_WG
D.W5.	knows and understands the principles of preparing patients of different ages and health conditions for tests and diagnostic procedures, as well as the principles of care during and after those tests and procedures;	P6U_W	P6S_WG
D.W6.	knows and understands the properties of medicine groups and their effects on the patient's systems and organs in various diseases depending on age and health, including adverse effects, interactions with other medicines, and administration routes;	P6U_W	P6S_WG

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D.W7.	knows and understands the standards and nursing procedures used in the care of patients of different age and health condition;	P6U_W	P6S_WG
D.W8.	knows and understands the patient's reactions to illness, admission to hospital and hospitalisation;	P6U_W	P6S_WG
D.W9.	knows and understands the aging process in biological, psychological, social and economic aspects;	P6U_W	P6S_WG
D.W10.	knows and understands the principles of organisation of specialist care (geriatric, intensive care, neurological, psychiatric, paediatric, internist, surgical, palliative, long-term and operating theatre care);	P6U_W	P6S_WG
D.W11.	knows and understands the etiopathogenesis of the most common diseases of the elderly;	P6U_W	P6S_WG
D.W12.	knows and understands the tools and scales for evaluating the support of the elderly and their families, and the principles of their activation;	P6U_W	P6S_WG
D.W13.	knows and understands the pathophysiology, clinical symptoms, course, treatment and prognosis of diseases of the developmental age concerning: the respiratory system, circulatory system, nervous system, urinary tract, digestive system, and endocrine, metabolic, allergic and blood diseases;	P6U_W	P6S_WG
D.W14.	knows and understands pathophysiology, clinical symptoms of medical and life threatening conditions of a newborn, including a premature baby, and the fundamentals of relevant nursing care;	P6U_W	P6S_WG
D.W15.	knows and understands the aims and principles of preconception care and the principles of planning care for a woman in physiological pregnancy;	P6U_W	P6S_WG
D.W16.	knows and understands the stages of physiological childbirth and principles of caring for a women in the puerperium period;	P6U_W	P6S_WG
D.W17.	knows and understands the etiopathogenesis of gynaecological diseases;	P6U_W	P6S_WG
D.W18.	knows and understands the methods, techniques and tools for assessing the state of consciousness and sensibility;	P6U_W	P6S_WG
D.W19.	knows and understands etiopathogenesis and clinical symptoms of basic mental disorders;	P6U_W	P6S_WG
D.W20.	knows and understands the rules applicable to physical coercion;	P6U_W	P6S_WG
D.W21.	knows and understands the options of using psychotherapy with patients with mental disorders;	P6U_W	P6S_WG
D.W22.	knows and understands the principles of patient nutrition, considering dietary treatment, pre- and post-operative indications according to the ERAS (Enhanced Recovery After Surgery);	P6U_W	P6S_WG
D.W23.	knows and understands factors increasing perioperative risk;	P6U_W	P6S_WG

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D.W24.	knows and understands the principles of preparing a patient for an emergency and planned surgery, one-day surgery, and the principles of patient care after surgery to prevent early and late complications;	P6U_W	P6S_WG
D.W25.	knows and understands the principles of caring for a patient with colostomy, ileostomy and urostomy;	P6U_W	P6S_WG
D.W26.	knows and understands the main directions of medical and vocational rehabilitation;	P6U_W	P6S_WG
D.W27.	knows and understands the course and methods of rehabilitation in various diseases;	P6U_W	P6S_WG
D.W28.	knows and understands standards and procedures of acting in emergency situations and life-saving procedures;	P6U_W	P6S_WG
D.W29.	knows and understands the principles of patient observation after surgery, including basic and extended monitoring;	P6U_W	P6S_WG
D.W30.	knows and understands methods of anaesthesia and principles of patient care after anaesthesia;	P6U_W	P6S_WG
D.W31.	knows and understands the pathophysiology, clinical symptoms of diseases and life-threatening conditions (respiratory failure, circulatory failure, nervous system failure, shock, sepsis);	P6U_W	P6S_WG
D.W32.	knows and understands the methods and scales of assessing pain, sedation levels, sleep disorders and delirious states in patients in life-threatening situations;	P6U_W	P6S_WG
D.W33.	knows and understands the methods and techniques of communicating with a patient incapable of effective communication due to their health condition or treatment;	P6U_W	P6S_WG
D.W34.	knows and understands the principles of preventing complications related to the use of invasive diagnostic and therapeutic techniques in critically ill patients;	P6U_W	P6S_WG
D.W35.	knows and understands first aid principles and life support algorithms for Basic Life Support (BLS) and Advanced Life Support (ALS);	P6U_W	P6S_WG
D.W36.	knows and understands the principles of the organization and functioning of the State Emergency Medical Services system;	P6U_W	P6S_WG
D.W37.	knows and understands the procedures of medical protection in mass emergencies, disasters and other special circumstances;	P6U_W	P6S_WG
D.W38.	knows and understands the subject, purpose, area of research and paradigms of nursing;	P6U_W	P6S_WG
D.W39.	knows and understands the methods and techniques of conducting research;	P6U_W	P6S_WG
D.W40.	knows and understands the principles of ethics in conducting research and basic legal regulations within copyright and intellectual property law.	P6U_W	P6S_WG

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SKILLS			
A. BASIC SCIENCES			
A.U1.	can apply anatomical terminology and apply the knowledge of topography of human body organs in practice;	P6U_U	P6S_UW
A.U2.	can relate images of tissue and organ injury to clinical disease symptoms, interview and results of diagnostic tests;	P6U_U	P6S_UW
A.U3.	can assess the risk of occurrence of a disease based on inheritance principles and impact of environmental factors;	P6U_U	P6S_UW
A.U4.	can use knowledge of genetic disease determination in disease prevention;	P6U_U	P6S_UW
A.U5.	can participate in the choice of diagnostic methods in particular clinical states, using knowledge within biochemistry and biophysics;	P6U_U	P6S_UW
A.U6.	can recognize the most common human parasites on the basis of their structure, life cycles and disease symptoms caused;	P6U_U	P6S_UW
A.U7.	can estimate the toxicological risk in specific age groups and in various clinical conditions;	P6U_U	P6S_UW
A.U8.	can use pharmaceutical guides and databases on medicinal products;	P6U_U	P6S_UW
A.U9.	can issue prescriptions for medicines necessary for the continuation of treatment as part of medical orders;	P6U_U	P6S_UW
A.U10.	can prepare a record of formulations of medicinal substances and foodstuffs for particular nutritional uses ordered by a doctor;	P6U_U	P6S_UW
A.U11.	can apply principles of radiological protection.	P6U_U	P6S_UW
B. SOCIAL SCIENCES AND HUMANITIES			
B.U1.	can recognise normal, disturbed and pathological conduct;	P6U_U	P6S_UW
B.U2.	can assess the impact of illness and hospitalisation on the physical and mental state of a person;	P6U_U	P6S_UW
B.U3.	can assess human functioning in difficult situations (stress, frustration, conflict, trauma, mourning) and present elementary forms of psychological assistance;	P6U_U	P6S_UW
B.U4.	can identify mistakes and barriers in the communication process;	P6U_U	P6S_UW
B.U5.	can apply techniques of verbal and non-verbal communication in nursing care;	P6U_U	P6S_UK

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B.U6.	can create conditions for correct communication with a patient and members of the care team;	P6U_U	P6S_UK
B.U7.	can indicate and apply suitable techniques of reducing anxiety and relaxation methods;	P6U_U	P6S_UW
B.U8.	can apply mechanisms of preventing professional burnout syndrome;	P6U_U	P6S_UO
B.U9.	can propose activities to prevent discrimination, racism, and deviations and pathologies among children and young people;	P6U_U	P6S_UW
B.U10.	can recognise educational needs in groups of nursing service recipients;	P6U_U	P6S_UW
B.U11.	can develop educational programmes within health promotion activities for various groups of recipients;	P6U_U	P6S_UW
B.U12.	can apply legal regulations concerning professional nursing practice;	P6U_U	P6S_UW
B.U13.	can assess global health trends in health care in the light of the latest epidemiological and demographic data;	P6U_U	P6S_UW
B.U14.	can analyse and evaluate the functioning of various health care systems and identify their financing sources;	P6U_U	P6S_UW
B.U15.	can apply international statistical classifications, including those concerning diseases and health problems (ICD-10), medical procedures (ICD-9), and functioning, disability and health (ICF);	P6U_U	P6S_UW
B.U16.	can analyze medical literature in English;	P6U_U	P6S_UW
B.U17.	can communicate in English at B2 level according to CEFR.	P6U_U	P6S_UW
C. BASIC NURSING AND PATIENT CARE			
C.U1.	can apply the chosen method of patient care;	P6U_U	P6S_UW
C.U2.	can gather information through patient interview, observation, measurements, physical examination and documentation analysis in order to identify a patient's health condition and formulate a nursing diagnosis;	P6U_U	P6S_UW
C.U3.	can develop a nursing care plan and specify patient goals in collaboration with the patient and their family;	P6U_U	P6S_UO
C.U4.	can monitor a patient's health condition during their stay in hospital or other healthcare institutions;	P6U_U	P6S_UW
C.U5.	can make an initial and final assessment of a patient's health and nursing interventions;	P6U_U	P6S_UW
C.U6.	can perform diagnostic blood and urine tests for ketones and glucose using test strips, check capillary blood cholesterol and use other strip tests;	P6U_U	P6S_UW

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C.U7.	can manage, document and assess the fluid balance of a patient;	P6U_U	P6S_UW
C.U8.	can perform measurements of body temperature, pulse, respiration, arterial blood pressure, central venous pressure, circuits, saturation, peak expiratory flow and anthropometric measurements (weight, height, BMI, body fat distribution indices: WHR, WHtR, skin fold thickness);	P6U_U	P6S_UW
C.U9.	can obtain samples for laboratory and microbiology tests and assist a doctor with a diagnostic examination;	P6U_U	P6S_UW
C.U10.	can apply anti-inflammatory procedures;	P6U_U	P6S_UW
C.U11.	can store and prepare medicines in accordance with current standards;	P6U_U	P6S_UW
C.U12.	can administer medicines via various routes, in accordance with written instructions and own competencies, and calculate accurate doses of medicines;	P6U_U	P6S_UW
C.U13.	can vaccinate against influenza, hepatitis and tetanus;	P6U_U	P6S_UW
C.U14.	can rinse the oral cavity, throat, eye, ear, stomach, bladder, intestinal fistula and a wound;	P6U_U	P6S_UW
C.U15.	can cannulate and remove a cannula, administer intravenous medications (attaching the infusion set), monitor and care for the peripheral insertion site, central insertion site and venous (implanted) ports;	P6U_U	P6S_UW
C.U16.	can use the available methods of feeding a patient (oral, tube, enteral feeding);	P6U_U	P6S_UW
C.U17.	can move and position a patient using various techniques and methods;	P6U_U	P6S_UW
C.U18.	can perform respiratory gymnastics and positional drainage, mucus removal and inhalation;	P6U_U	P6S_UW
C.U19.	can perform rubbing, tapping, passive and active gymnastics;	P6U_U	P6S_UW
C.U20.	can perform hygienic procedures;	P6U_U	P6S_UW
C.U21.	can provide care for skin, its appendages and mucous membranes using pharmacological means and medical materials, including provision of medicinal baths;	P6U_U	P6S_UW
C.U22.	can assess the risk of developing pressure ulcers and implement prophylactic activities;	P6U_U	P6S_UW
C.U23.	can perform rectal procedures;	P6U_U	P6S_UW
C.U24.	can place a catheter into the bladder, monitor diuresis and remove the catheter;	P6U_U	P6S_UW

TABLE of LEARNING OUTCOMES

C.U25.	can insert a gastric tube, monitor and remove the tube;	P6U_U	P6S_UW
C.U26.	can keep and use medical documentation;	P6U_U	P6S_UW
C.U27.	can solve ethical and moral dilemmas in professional work;	P6U_U	P6S_UW
C.U28.	can assess the health potential of a patient and their family with the use of scales, grids and measurements;	P6U_U	P6S_UW
C.U29.	can recognise circumstances behind a patient's health activity and lifestyle influenced risk factors for illnesses;	P6U_U	P6S_UW
C.U30.	can choose methods and forms of disease prophylaxis / prevention and help shape health behaviour of various social groups;	P6U_U	P6S_UW
C.U31.	can teach a patient to monitor their own health;	P6U_U	P6S_UW
C.U32.	can devise and implement individual health promotion programs for patients, their families and social groups;	P6U_U	P6S_UW
C.U33.	can provide health services within primary health care;	P6U_U	P6S_UW
C.U34.	can assess the living, educational and work environment in terms of recognising health problems;	P6U_U	P6S_UW
C.U35.	can assess the nutritional status of the body with the use of anthropometric, biochemical and medical interview methods, and provide nutritional counselling;	P6U_U	P6S_UW
C.U36.	can apply therapeutic diets in selected diseases;	P6U_U	P6S_UW
C.U37.	can select foods for particular nutritional uses and issue prescriptions for them as part of the execution of medical orders, and provide information on their use;	P6U_U	P6S_UW
C.U38.	can make decisions regarding the selection of working methods and cooperation in a team;	P6U_U	P6S_UW
C.U39.	can monitor risks in the work of a nurse and factors contributing to the occurrence of occupational diseases and accidents at work;	P6U_U	P6S_UW
C.U40.	can participate in developing nursing practice standards and procedures and monitor the quality of nursing care;	P6U_U	P6S_UW
C.U41.	can supervise and evaluate the work of subordinate personnel;	P6U_U	P6S_UW
C.U42.	can plan their own professional development and develop active job search skills;	P6U_U	P6S_UW
C.U43.	can conduct the medical interview of the patient, analyse and interpret the results;	P6U_U	P6S_UW

TABLE of LEARNING OUTCOMES

C.U44.	can identify and interpret fundamental differences in the examination of a child and an adult, as well as an elderly person;	P6U_U	P6S_UW
C.U45.	can use the methods of physical examination to assess physiological and pathological functions of the skin, senses, head, chest, breasts, abdomen, genitals, cardiovascular system, respiratory system, peripheral circulatory system, musculosceletal system, neurological system, and document the findings of the physical examination and use them to assess the patient's health;	P6U_U	P6S_UW
C.U46.	can take the patient's history and perform physical assessment thoroughly, document the findings and analyse them for the purpose of providing nursing care;	P6U_U	P6S_UW
C.U47.	can conduct a physical examination using information and communication systems;	P6U_U	P6S_UW
C.U48.	can implement standards of proceedings preventing nosocomial infections;	P6U_U	P6S_UW
C.U49.	can use personal protection means to protect themselves, patients and co-workers against infection;	P6U_U	P6S_UW
C.U50.	can interpret and apply functional assumptions of the information system with the use of advanced methods and information technologies in the provision and contracting of health services;	P6U_U	P6S_UW
C.U51.	can use medical records in practice and observe the rules of security and confidentiality of medical information and the law of intellectual property protection;	P6U_U	P6S_UW
C.U52.	can use the sign language and other communication methods and aids in the care of a patient with hearing impairment;	P6U_U	P6S_UW
C.U53.	can analyse the benefits of teamwork;	P6U_U	P6S_UW
C.U54.	can use selected models of organising own work and the team's work;	P6U_U	P6S_UW
C.U55.	can indicate ways of solving team members' problems;	P6U_U	P6S_UW
C.U56.	can plan the team's work and motivate team members to work;	P6U_U	P6S_UW
C.U57.	can identify factors which disrupt the team's work and indicate ways of increasing the effectiveness of teamwork.	P6U_U	P6S_UW
D. SPECIALIZED HEALTHCARE			
D.U1.	can collect information, formulate a nursing diagnosis, set goals and plan for nursing care, implement nursing interventions and evaluate nursing care;	P6U_U	P6S_UW
D.U2.	can provide self-care counselling for patients of various ages and health regarding developmental defects, diseases and addictions;	P6U_U	P6S_UW

TABLE of LEARNING OUTCOMES

D.U3.	can prevent complications occurring in the course of diseases;	P6U_U	P6S_UW
D.U4.	can organize the isolation of patients with an infectious disease in public places and at home;	P6U_U	P6S_UW
D.U5.	can assess the psychophysical development of a child, perform screening tests and detect developmental disorders;	P6U_U	P6S_UW
D.U6.	can choose the techniques and methods of wound care, including dressing application;	P6U_U	P6S_UW
D.U7.	can choose methods and means of wound care based on their classification;	P6U_U	P6S_UW
D.U8.	can recognize complications after specialist diagnostic tests and surgical procedures;	P6U_U	P6S_UW
D.U9.	can administer oxygen to the patient when required and monitor their condition during oxygen therapy;	P6U_U	P6S_UW
D.U10.	can perform an electrocardiographic examination and recognise life-threatening disorders;	P6U_U	P6S_UW
D.U11.	can modify a fixed dose of fast- and short-acting insulin;	P6U_U	P6S_UW
D.U12.	can prepare the patient physically and mentally for diagnostic tests;	P6U_U	P6S_UW
D.U13.	can issue referrals for specific diagnostic tests;	P6U_U	P6S_UW
D.U14.	can prepare prescriptions of medicinal substances as part of the continuation of treatment;	P6U_U	P6S_UW
D.U15.	can document the patient's health situation, the dynamics of its changes and the nursing care provided, also using IT tools for data collection;	P6U_U	P6S_UW
D.U16.	can teach the patient and their carer how to choose and use nursing and rehabilitation equipment and medical devices;	P6U_U	P6S_UW
D.U17.	can conduct enteral nutrition (through a nasogastric tube and percutaneous endoscopic gastrostomy – PEG, or jejunostomy - PEJ) and parenteral nutrition in adults and children;	P6U_U	P6S_UK
D.U18.	can recognize complications of pharmacological, dietary, rehabilitation, medical and nursing treatment;	P6U_U	P6S_UW
D.U19.	can care for a patient with a colostomy or ileostomy and endotracheal and tracheostomy tubes;	P6U_U	P6S_UW
D.U20.	can conduct a therapeutic conversation;	P6U_U	P6S_UW
D.U21.	can conduct bedside rehabilitation and activation using elements of occupational therapy;	P6U_U	P6S_UW

TABLE of LEARNING OUTCOMES

D.U22.	can provide information about the patient's health to members of the therapeutic team;	P6U_U	P6S_UW
D.U23.	can assist a doctor during diagnostic tests;	P6U_U	P6S_UW
D.U24.	can assess the level of pain, the patient's reaction to pain and its intensity, and apply pharmacological and non-pharmacological pain management;	P6U_U	P6S_UW
D.U25.	can handle the body of a deceased patient in accordance with the procedures;	P6U_U	P6S_UW
D.U26.	can prepare and administer medicine to patients in various ways, independently or per doctor's orders;	P6U_U	P6S_UW
D.U27.	can provide first aid in life-threatening situations;	P6U_U	P6S_UW
D.U28.	can temporarily immobilise bone fractures, dislocations and sprains and prepare a patient for transport;	P6U_U	P6S_UW
D.U29.	can temporarily stop bleeding and haemorrhage;	P6U_U	P6S_UW
D.U30.	can carry out basic adult and child resuscitation, knows how to use the Automated External Defibrillator (AED), can clear the airways without and with the use of available oropharyngeal (OP) and nasopharyngeal (NP) SADs;	P6U_U	P6S_UW
D.U31.	can critically analyse published research results;	P6U_U	P6S_UW
D.U32.	can conduct qualitative research using scientific research tools.	P6U_U	P6S_UW
SOCIAL COMPETENCES			
K1.	is prepared to act in patients' best interest, respect dignity and autonomy of those under their care, to show understanding towards diversity and cultural differences and to show empathy to patients and their families;	P6U_K	P6S_KR
K2.	is prepared to observe patient rights;	P6U_K	P6S_KR
K3.	is prepared to act with autonomy and conscience while practising nursing according to occupational ethics, which includes observing moral values and responsibilities when looking after a patient;	P6U_K	P6S_KR
K4.	is prepared to accept accountability for their occupational practice;	P6U_K	P6S_KO
K5.	is prepared to seek expert opinion in case of difficulties in independent problem solving;	P6U_K	P6S_KK
K6.	is prepared to anticipate and consider factors which influence own and patients' reactions;	P6U_K	P6S_KK
K7.	is ready to notice and recognise own limitations as concerns knowledge, skills and social competences, and to self-diagnose own educational deficits and needs.	P6U_K	P6S_KK

TABLE of LEARNING OUTCOMES

Field of science	Scientific discipline	Learning outcomes (symbol)	No. of outcomes
medical and health sciences	**medical sciences** *(leading discipline)*	A.W1.; A.W2.; A.W3.; A.W4.; A.W5.; A.W6.; A.W7.; A.W8.; A.W9.; A.W10.; A.W11.; A.W12.; A.W13.; A.W14.; A.W15.; A.W17.; A.W18.; A.W19.; A.W20.; A.W21.; A.W22.; A.W23.; A.W24.; A.W25.; A.W26.; A.U1.; A.U2.; A.U4.; A.U5.; A.U6.; A.U7.; A.U9.; A.U10.; C.W7.; C.W8.; C.W9.; C.W10.; C.W23.; C.W24.; C.W32.; C.W33.; C.W34.; C.W35.; C.W38.; C.U1.; C.U2.; C.U3.; C.U4.; C.U5.; C.U6.; C.U7.; C.U8.; C.U9.; C.U10.; C.U11.; C.U12.; C.U13.; C.U14.; C.U15.; C.U16.; C.U18.; C.U21.; C.U22.; C.U23.; C.U24.; C.U25.; C.U26.; C.U36.; C.U37.; C.U43.; C.U44.; C.U45.; C.U46.; C.U47.; C.U51.; D.W2.; D.W3.; D.W4.; D.W5.; D.W6.; D.W7.; D.W11.; D.W13.; D.W14.; D.W16.; D.W17.; D.W18.; D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.W24.; D.W25.; D.W26.; D.W27.; D.W28.; D.W29.; D.W30.; D.W31.; D.W32.; D.W33.; D.W34.; D.W35.; D.U1.; D.U2.; D.U3.; D.U4.; D.U6.; D.U7.; D.U8.; D.U9.; D.U10.; D.U11.; D.U12.; D.U13.; D.U14.; D.U15.; D.U16.; D.U17.; D.U18.; D.U19.; D.U20.; D.U21.; D.U22.; D.U23.; D.U24.; D.U25.; D.U26.; D.U27.; D.U28.; D.U29.; D.U30.; K5.	134/264
	health sciences	A.W16.; A.U3.; A.U8.; A.U11.; B.W1.; B.W2.; B.W3.; B.W4.; B.W5.; B.W6.; B.W7.; B.W8.; B.W9.; B.W10.; B.W11.; B.W12.; B.W13.; B.W14.; B.W15.; B.W16.; B.W17.; B.W18.; B.W19.; B.W20.; B.W21.; B.W22.; B.W23.; B.W24.; B.W25.; B.W26.; B.U1.; B.U2.; B.U3.; B.U4.; B.U5.; B.U6.; B.U7.; B.U8.; B.U9.; B.U10.; B.U11.; B.U12.; B.U13.; B.U14.; B.U15.; B.U16.; B.U17.; C.W1.; C.W2.; C.W3.; C.W4.; C.W5.; C.W6.; C.W11.; C.W12.; C.W13.; C.W14.; C.W15.; C.W16.; C.W17.; C.W18.; C.W19.; C.W20.; C.W21.; C.W22.; C.W25.; C.W26.; C.W27.; C.W28.; C.W29.; C.W30.; C.W31.; C.W36.; C.W37.; C.W39.; C.W40.; C.W41.; C.W42.; C.W43.; C.W44.; C.W45.; C.W46.; C.W47.; C.W48.; C.U17.; C.U19.; C.U20.; C.U27.; C.U28.; C.U29.; C.U30.; C.U31.; C.U32.; C.U33.; C.U34.; C.U35.; C.U38.; C.U39.; C.U40.; C.U41.; C.U42.; C.U48.; C.U49.; C.U50.; C.U52.; C.U53.; C.U54.; C.U55.; C.U56.; C.U57.; D.W1.; D.W8.; D.W9.; D.W10.; D.W12.; D.W15.; D.W36.; D.W37.; D.W38.; D.W39.; D.W40.; D.U5.; D.U31.; D.U32.; K1.; K2.; K3.; K4.; K6.; K7.	130/264