

**Powiślański Academy of Applied Sciences**  
**Faculty of Health Sciences**

**Branch in Gdańsk**

**STUDY PROGRAM**

**for the field of**

**NURSING**

**from the academic year 2025/2026**

Part-time  
II degree studies  
practical profile

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## **1. General characteristics of the studies**

### **1.1 Name of the field of study**

— Nursing

### **1.2 Level of studies**

— II degree studies

### **1.3 Level of the Polish Qualifications Framework**

— 7 Polish Qualifications Framework

### **1.4 Profile**

— practical

### **1.5 Form of studies**

— part-time

### **1.6 Number of semesters and number of ECTS credits required to obtain qualifications corresponding to the level of education**

— 4 semesters

— 120 ECTS

### **1.7 Professional title awarded to graduates**

— Master of Nursing

### **1.8 Fields of science and scientific disciplines to which the learning outcomes refer**

The learning outcomes for the nursing program at the second-cycle level fall within the field of medical sciences and health sciences, in the scientific disciplines of health sciences as the leading discipline and medical sciences as a secondary discipline. ne.

**Table.1** Assignment of ECTS points to fields of science and scientific disciplines in the field of nursing, II degree studies, education cycle 2025–2027

Second-cycle studies in nursing			
Field of science	Scientific discipline	Number of ECTS credits	ECTS % share within the scientific discipline
Field of medical sciences and health sciences	Medical sciences	1	1
	<b>Health sciences</b>	<b>107</b>	<b>89</b>
Total		<b>120</b>	<b>100</b>

### **1.9 General educational objectives and employment opportunities (typical places of employment) and further education opportunities for graduates**

The aim of second-cycle studies in nursing is to prepare nurses as qualified managerial staff. Graduates possess the following skills: the ability to apply advanced knowledge in the field of medical sciences and health sciences in nursing; the ability to provide individualized nursing care; the ability to organize and supervise nursing care; the ability to establish cooperation with team members in the field of improving the quality of care; the ability to conduct health education; implementing new methods, techniques, and organizational solutions, and identifying areas for research and participating in research.

**In terms of knowledge**, graduates know and understand:

- 1) legal regulations governing the practice of nursing and the provision of health services;
- 2) the principles of education in nursing studies and postgraduate nursing education;
- 3) trends in the development of nursing in Europe and worldwide;
- 4) issues related to the management of nursing teams and the organization of health care;
- 5) conditions for the development of health service quality and quality management;
- 6) cultural and religious conditions for nursing care for patients of different nationalities and religions;
- 7) the role of nurses in coordinated care in primary health care;
- 8) principles for determining temporary incapacity for work and issuing certificates of

temporary incapacity for work;

- 9) standards for the provision of services within advanced nursing practice and nursing services provided independently;
- 10) mechanisms of action of medicinal products and principles of their prescription;
- 11) therapeutic guidelines and nursing care standards in chronic diseases;
- 12) principles of providing health services in chronic diseases within the framework of advanced nursing practice;
- 13) principles of specialized treatment of chronic wounds, including pressure ulcers and cancer ulcers, and fistula care;
- 14) methods and principles of acute and chronic pain therapy;
- 15) methods and principles of health education for people with chronic diseases;
- 16) methods and principles of conducting scientific research;
- 17) requirements for the preparation of scientific publications;
- 18) the process of planning patient care in accordance with evidence-based nursing practice.

**In terms of skills, graduates are able to:**

- 1) solve professional problems arising in the course of their nursing profession, in particular those related to decision-making in difficult situations resulting from the specific nature of professional tasks and the conditions in which they are performed;
- 2) apply relevant legal provisions when practicing nursing;
- 3) develop human resources policy guidelines appropriate to patients' nursing care needs;
- 4) apply organizational and management methods and techniques in analyzing and solving organizational problems and improving the performance of professional nursing practice;
- 5) organize and supervise the work of teams of nurses, midwives, or support staff;
- 6) select and order diagnostic tests within the scope of the professional competence of a nurse and interpret their results;
- 7) develop a therapeutic education program for patients with chronic diseases, conduct this education, and evaluate the program;
- 8) independently provide health services related to the prevention and care of patients with chronic obstructive pulmonary disease (COPD) in inpatient and home care settings;
- 9) independently provide health services in the care of patients treated with hemodialysis, peritoneal dialysis, and related techniques;
- 10) independently provide health care services in the field of care for patients with intestinal

fistulas (colostomy, ileostomy) and urinary fistulas;

- 11) independently provide health care services to adults and children receiving enteral and parenteral nutrition;
- 12) provide therapeutic education to improve the quality of life of patients with chronic diseases (diabetes, COPD, or cardiovascular disease);
- 13) provide comprehensive care for patients with diabetes using continuous subcutaneous insulin infusion therapy and perform the tasks of a diabetes educator;
- 14) independently provide health services in the care of patients with bedsores, cancer ulcers, burns, frostbite, superficial traumatic wounds, lower limb ulcers, and diabetic foot, and care for wounds using conservative and surgical methods, including the removal of necrotic tissue from wounds;
- 15) provide specialist health services in preventive and therapeutic compression therapy for diseases of the venous and lymphatic systems;
- 16) independently provide specialist health services in the field of acute and chronic pain therapy;
- 17) independently or in cooperation with other members of the therapeutic team, provide health services in the field of rehabilitation of people with chronic mental disorders;
- 18) coordinate patient care in the healthcare system and provide comprehensive nursing services in primary healthcare;
- 19) independently prescribe medications, special nutritional products, and medical devices, including issuing prescriptions or orders within the scope of professional nursing qualifications;
- 20) independently provide health advice within the scope of the professional competences of a nurse ;
- 21) define nursing care standards and implement them in nursing practice;
- 22) communicate with patients, taking into account cultural and religious considerations;
- 23) conduct scientific research and disseminate its results;
- 24) use the results of scientific research and the global achievements of nursing in planning patient care and for the development of nursing practice;
- 25) provide patients with information on access to specific types of health services and refer them to services within the scope of their professional competence;
- 26) use modern teaching and evaluation methods in education preparing for the nursing profession and in postgraduate nursing education.

**In terms of social competence**, graduates are prepared to:

- 1) critically evaluating one's own actions and those of colleagues while respecting differences in worldviews and cultures;
- 2) formulating opinions on various aspects of professional activity and seeking expert advice when difficulties arise that cannot be resolved independently;
- 3) showing care for the prestige of the nursing profession and professional solidarity;
- 4) solving complex ethical problems related to the nursing profession and identifying priorities in the performance of specific tasks;
- 5) taking responsibility for the health services provided;
- 6) demonstrating a professional approach to the marketing strategies of the pharmaceutical industry and the advertising of its products.

Graduates of the Nursing program, second-cycle studies, are prepared to work:

- in public and private healthcare facilities in managerial positions,
- in state and local government administration and education,
- in educational institutions,
- as entrepreneurs running their own businesses.

After completing a second-cycle degree in nursing, graduates are prepared to pursue third-cycle (doctoral) studies and postgraduate studies.

## **1.10 Indication of the relationship with the Academy's mission and development strategy**

The Powiślański Academy of Applied Sciences (PANS) in all areas of its activity, as well as in pursuing its mission, vision and strategic goals, draws on the traditions of the best universities in Poland and abroad, as well as the principles of the European Higher Education Area. The Academy considers independence of thought and attitude to be a priority and adheres to universally recognized academic principles and values. Taking into account global processes, including globalization, regionalism, and the dynamically changing labor market, the Academy prepares staff capable of meeting the demands of the modern market, fostering an attitude of openness, mutual respect, and tolerance among students. The Powiślański Academy of Applied Sciences is one of the universities where the process of internationalization has been a priority for many years. Since the beginning

of PANS, the teaching and research staff have been guided by the idea of educating students to respect civil liberties and ethical principles. The Powiślański Academy of Applied Sciences, drawing on its own 25 years of experience, wants to build the future of the Academy based on the principles that have led it to its current image as a 21st-century institution, i.e., vision, creativity, and courage to take risks. The Academy's mission is to contribute to improving the quality of life of society by creating, expanding and disseminating knowledge, developing skills for its practical application and shaping attitudes. While ensuring high quality education, the Academy takes into account the needs of the modern labor market and the principle of lifelong learning (lifelong learning). PANS develops contacts with the academic community in Poland and abroad, as well as with the national and regional economic and social environment. In a rapidly changing world, the Academy strives to maintain its current role, i.e., generating change through education and scientific research (dissemination of results) and responding to new expectations of the environment caused by this change. The Academy pursues its goals with the participation of the entire Academy community.

### **Analysis of the compliance of learning outcomes with labor market needs**

The Powiślański Academy of Applied Sciences has introduced an Internal Quality Assurance System based on the Academy's existing good practices and experience, respect for the autonomy and specific nature of its organizational units, as well as on the conviction that it is necessary to constantly monitor, analyze, evaluate, and improve solutions and activities aimed at improving the quality of education.

To complement the Internal Quality Assurance System in Education at PANS, an Employers' Council (external stakeholders) has been established, comprising representatives of medical institutions such as:

- Copernicus Medical Center in Gdańsk,
- Pomeranian Hospitals Sp. z.o.o.,
- EMC Szpital Zdrowie Kwidzyn,
- Specialist Hospital in Prabuty,
- Kociewskie Health Center.
- The PANS Employers' Council includes a representative of the Regional Chamber of Nurses and Midwives in Gdańsk.

Meetings of the Employers' Council are held at least twice per semester: at the beginning and at the end of the semester. The main objectives of the Employers' Council are to analyze study programs in terms of their compliance with professional practice and the needs of employers, analyze the educational needs of the region/employers/institutions, and conduct ongoing assessments of PANS graduates in terms of their preparation for the profession and the requirements of the labor market.

The Internal Quality Assurance System for Education at the Faculty of Health Sciences of the Powiślański Academy of Applied Sciences includes tools (surveys) for assessing the professional preparedness of graduates – a survey conducted among members of the Employers' Council.

External stakeholders – employers hiring graduates of the second-cycle nursing program at the Faculty of Health Sciences of the Powiślański Academy of Applied Sciences are primarily guided by:

- professional experience,
- practical skills (gained, among others, during internships),
- availability,
- higher education,
- professional licenses and qualifications.

In addition, according to employers, a potential employee should be:

- decisive,
- conscientious and honest,
- disciplined,
- ambitious.

They should demonstrate:

- the ability to plan and organize work,
- ability to work in a team,
- creative thinking.

## **1.11 Conclusions from the analysis of the results of monitoring the professional careers of graduates**

Pursuant to the Act on Higher Education and Science of July 20, 2018 (Journal of Laws 2024, item 1571, as amended), the Powiślański Academy of Applied Sciences implements a multi-

stage, cyclical system for monitoring the professional careers of its graduates.

The monitoring of professional careers at the Powiślański Academy of Applied Sciences covers graduates of all fields of study and forms of study (full-time, part-time, first-cycle studies) offered by the Academy. Surveys completed at various stages of their professional careers help the Academy authorities to gain a better understanding of the links between the content of study programs, the study process, learning outcomes, and the course and results of the professional careers of graduates of the Powiślański Academy of Applied Sciences. The results are a valuable source of conclusions accompanying the evaluation of teaching and study conditions. Tracking the professional careers of graduates is one of the main elements of the Internal Quality Assurance System implemented at the Powiślański Academy of Applied Sciences.

The unit responsible for monitoring the professional careers of graduates is the Education Quality Committee. The Committee's tasks in this area include:

- developing a standardized electronic version of the consent/non-consent form for participation in the survey on the professional careers of graduates;
- receiving and forwarding to the dean's office the consent/non-consent form for participation in the survey, to be attached to the student's file;
- supervising work on the structure of the Alumni Database, created on the basis of the consent form for participation in the survey,
- sending information to graduates by email,
- supervising the survey process;
- conducting telephone interviews with graduates who did not complete the survey by the specified deadline;
- collecting statistical data;
- preparing final versions of research reports and formulating conclusions from the research in cooperation with sociologists;
- publishing and submitting research reports to the Academy authorities, Program and Teaching Committees, the Education Quality Coordinator, and all interested parties.

At the appropriate time, a request to complete the survey is sent to each graduate of the Faculty of Health Sciences using the integrated Academy management system. In addition, three years after graduation, graduates who have agreed to participate in the survey are sent a link to an anonymous survey by email. The purpose of the survey is to learn about the further educational plans and/or professional situation of the survey participants. The detailed scope and characteristics of the proper conduct of the research process are specified in the procedure for

monitoring the professional careers of graduates.

### **1.12 Legal basis for practical education**

- Act of July 3, 2018 – Provisions introducing the Act – Law on Higher Education and Science (Journal of Laws 2018, item 1669),
- Act of July 20, 2018 – Law on Higher Education and Science (Journal of Laws 2024, item 1571, as amended),
- Act of July 15, 2011 on the professions of nurse and midwife (Journal of Laws 2024, item 814, as amended),
- Act of December 22, 2015 on the Integrated Qualifications System (Journal of Laws 2024, item 1606)
- Regulation of the Minister of Science and Higher Education of November 14, 2018 on the characteristics of the second level of the Polish Qualifications Framework (Journal of Laws 2018, item 2218),
- Regulation of the Minister of Science of October 10, 2024, amending the regulation on standards of education preparing for the professions of doctor, dentist, pharmacist, nurse, midwife, laboratory diagnostician, physiotherapist, and paramedic (Journal of Laws 2024, item 1514),
- Statute of the Powiślański Academy of Applied Sciences,
- Study Regulations.

## **2. Description of specific learning outcomes**

### **2.1 General learning outcomes**

The description of the intended learning outcomes for a given field of study at a specific level and profile takes into account the universal characteristics of the first cycle, as defined in the Act of December 22, 2015, on the Integrated Qualifications System (Journal of Laws 2024, item 1606) and the characteristics of the second cycle specified in the Regulation of the Minister of Science and Higher Education of November 14, 2018, on the characteristics of second cycle learning outcomes for qualifications at levels 6–8 of the Polish Qualifications Framework (Journal of Laws 2018, item 2218) Regulation of the Minister of Science of October 10, 2024,

amending the regulation on standards of education preparing for the professions of doctor, dentist, pharmacist, nurse, midwife, laboratory diagnostician, physiotherapist, and paramedic (Journal of Laws 2024, item 1514).

**Table.2** Description of specific learning outcomes for the field of nursing, second-cycle studies (A. Social sciences and humanities) and their reference to the characteristics of the first and second cycles of the Polish Qualifications Framework

Code of learning outcome	Description of the field-specific learning outcome	Characteristics of the first degree PRK ( )	Characteristics of the second stage of PRK
<b>A. SOCIAL SCIENCES AND HUMANITIES</b>			
(law in professional nursing practice, management in professional nursing practice, medical education, multiculturalism in professional nursing practice, foreign language)			
<b>KNOWLEDGE</b>			
<b>In terms of knowledge, graduates know and understand:</b>			
A.W1.	the significance and legal consequences of medical events;	P7U_W	P7S_WK
A.W2.	issues related to adverse events and medical errors in terms of patient safety;		P7S_WK
A.W3.	the essence of medical errors in nursing interventions;		P7S_WG
A.W4.	issues related to civil liability insurance;		P7S_WK
A.W5.	legal provisions concerning the processing of special categories of personal data in the healthcare system;		P7S_WK
A.W6	the scope of professional competences for the provision of healthcare services by nurses in relation to their professional qualifications;		P7S_WK
A.W7.	methods of management in the health care system;		P7S_WK
A.W8.	principles of organization and structure building;		P7S_WG
A.W9.	methods of assessing the need for nursing care in primary health care and in outpatient, hospital and home care;		P7S_WG
A.W10.	the concept of organizational culture and factors determining it;		P7S_WG
A.W11.	decision-making mechanisms in management;		P7S_WG
A.W12.	management styles and the importance of leadership in nursing development;		P7S_WG
A.W13.	principles of implementation and financing of nursing services in the health insurance system;		P7S_WK
A.W14.	specific nature of managerial functions, including the essence of task delegation;		P7S_WG
A.W15.	methods of organizational diagnosis, the concept and theory of change management, and the principles of strategic management;		P7S_WG
A.W16.	human resource management issues;		P7S_WG
A.W17.	conditions for the professional development of nurses;		P7S_WK
A.W18.	scientific foundations of ergonomics in the work environment;		P7S_WG
A.W19.	the essence of the change process and the principles of change management;		P7S_WG
A.W20.	models and strategies of quality management in healthcare;		P7S_WG

A.W21.	basic concepts in medical education;	P7U_W	P7S_WG
A.W22.	methods of conducting educational activities among patients;		P7S_WG
A.W23	teaching methods and teaching aids used in undergraduate nursing education and postgraduate nursing education;		P7S_WG
A.W24.	the theory of multicultural nursing by Madeleine Leininger;		P7S_WG
A.W25.	cultural determinants of the organization of treatment and care provision, including health behaviors and attitudes toward treatment;		P7S_WG
A.W26.	cultural and religious differences in the perception of human beings and in intercultural communication.		P7S_WK

### SKILL

#### **In terms of skills, graduates are able to:**

A.U1.	assess events in the professional practice of a nurse in the context of compliance with legal regulations and the possibilities and methods of pursuing claims, as well as indicate possible solutions to a given problem;	P7U_U	P7S_UW
A.U2.	classify a given professional situation in relation to civil law, criminal law, and labor law, as well as in the area of professional liability;		P7S_UW
A.U3.	analyze the causes of medical errors and implement preventive measures within the scope of a nurse's professional authority;		P7S_UW
A.U4.	apply strategic analysis methods necessary for the functioning of entities providing medical services;		P7S_UW
A.U5.	organize and supervise the work of teams of nurses, midwives, or support staff;		P7S_UO
A.U6.	apply various methods of professional and managerial decision-making;		P7S_UO
A.U7.	plan human resources using various methods, organize employee recruitment and plan the professional adaptation process;		P7S_UO
A.U8.	develop a plan for their own professional development and motivate other members of their team to develop professionally;		P7S_UU
A.U9.	develop organizational standards and prepare job descriptions for nurses and other subordinate employees;		P7S_UO
A.U10.	develop staff work schedules based on an assessment of nursing care needs;		P7S_UO
A.U11.	supervise the quality of nursing care in a healthcare facility, including preparing the facility for external quality assessment;		P7S_UO
A.U12.	organize the teaching process using modern technologies applied in education at the level of studies preparing for the nursing profession and postgraduate nursing education;		P7S_UO
A.U13.	select appropriate teaching methods and means in teaching activities;		P7S_UO
A.U14.	verify the correctness of the organization of the vocational education process;		P7S_UO
A.U15.	use a variety of interpersonal communication methods and techniques in their work, taking into account cultural, ethnic, religious, and social conditions;		P7S_UK
A.U16	apply Madeleine Leininger's multicultural nursing theory in practice;		P7S_UW
A.U17.	recognize cultural determinants of lifestyle that influence health and disease;		P7S_UW
A.U18.	take into account religious and cultural determinants in relation to patients' needs in healthcare;		P7S_UW

A.U19.	communicate in English at level B2+ of the European Language Learning Framework.		P7S_UK
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**Table.3** Description of specific learning outcomes for the nursing program, second-cycle studies (B. Advanced Nursing Practice) and their reference to the characteristics of the first and second cycles of the Polish Qualifications Framework.

Code of learning outcome	Description of the learning outcome	Characteristics of the first level of the PRK	Characteristics of the second level of the PRK
<b>B. ADVANCED NURSING PRACTICE</b>			
(pharmacology and prescribing medicinal products, epidemiological nursing, nursing counseling, coordinated health care, care and therapeutic education in chronic diseases (including chronic cardiovascular diseases – circulatory failure and heart rhythm disorders, hypertension), chronic respiratory diseases (respiratory failure, COPD), allergic diseases, kidney diseases (renal replacement therapy, including dialysis), diabetes (care for patients with diabetes and diabetes education), chronic wounds and fistulas (wound treatment, compression therapy, care for patients with intestinal and urinary fistulas), acute and chronic pain (including pain therapy in adults), enteral and parenteral nutrition, continuous oxygen therapy and mechanical ventilation, and nursing care for mechanically ventilated adults with chronic diseases, cancer, nervous system disorders, mental health disorders, and rehabilitation of patients with chronic mental disorders)			
<b>KNOWLEDGE</b>			
<b>In terms of knowledge, graduates know and understand:</b>			
B.W1.	the mechanisms of action of medicinal products and their transformation in the human body depending on age and health problems;	P7U_W	P7S_WG
B.W2.	legal regulations related to the reimbursement of medicines, medical devices and foodstuffs for special nutritional purposes;		P7S_WK
B.W3.	rules for prescribing drugs containing specific active substances (excluding drugs containing very potent substances, narcotics and psychotropic substances) and foodstuffs for special nutritional purposes, including the issuing of prescriptions for them, as well as the rules for prescribing specific medical devices, including the issuing of prescriptions or orders for them;		P7S_WG
B.W4.	the phenomenon of polypharmacy and polyphragmasia, as well as the symptoms and side effects of drugs containing specific active substances;		P7S_WG
B.W5.	principles of infection control in healthcare facilities, including infection registration and rules for cooperation in interprofessional teams in this area;		P7S_WK
B.W6.	conditions for the prevention, occurrence and control of hospital infections in the activities of healthcare facilities, including etiological factors, such as alert pathogens;		P7S_WK
B.W7	principles of planning, developing, implementing, and supervising preventive and anti-epidemic measures;		P7S_WK
B.W8	theoretical principles of nursing counseling based on legal regulations and the transtheoretical model of change developed by Prochaska and DiClemente;		P7S_WG
B.W9.	predictors of healthy and sick human functioning, including chronic disease;		P7S_WG
B.W10	methods of assessing the patient's health status in nursing counselling;		P7S_WG
B.W11.	principles of therapeutic management in the event of health problems;		P7S_WG
B.W12.	principles of selecting diagnostic tests and interpreting		P7S_WG

	their results within the scope of a nurse's professional qualifications;		
B.W13.	scope of prevention of infectious, social and lifestyle diseases;	P7S_WG	
B.W14.	models of coordinated care functioning in the Republic of Poland and selected countries;	P7S_WK	
B.W15.	tasks of the health care coordinator in selected types of services;	P7S_WK	
B.W16.	principles of coordinating health programs and organizing the process of providing health services in various areas of the health care system, taking into account current systemic changes;	P7S_WK	
B.W17.	principles of the functioning of interprofessional teams in healthcare based on selected areas of specialist services, including the community psychiatric care team;	P7S_WK	
B.W18	principles of diagnostic and therapeutic procedures and care for patients with circulatory failure, cardiac arrhythmias, and hypertension, as well as modern technologies used in the treatment and monitoring of patients with cardiovascular diseases;	P7S_WG	
B.W19.	pathomechanism, symptoms, diagnosis, treatment and nursing care in respiratory failure, COPD and allergic diseases, in inpatient and home care settings;	P7U_W	P7S_WG
B.W20.	the use of spirometry in the assessment of impaired respiratory function and the principles of measuring peak expiratory flow (PEF), bronchial hyperresponsiveness tests, in vivo and in vitro tests;	P7S_WK	
B.W21.	groups of drugs used in allergic diseases that affect the results of skin tests;	P7S_WK	
B.W22.	water and electrolyte balance and acid-base balance in dialysis patients;	P7S_WK	
B.W23.	principles and scope of pharmacotherapy used in dialysis patients;	P7S_WG	
B.W24.	professional qualifications of nurses in dialysis treatment and standards of specialist nursing care for patients undergoing renal replacement therapy using intermittent and continuous techniques (Continuous Renal Replacement Therapy, CRRT);	P7S_WG	
B.W25.	principles of operation of dialysis stations and renal replacement therapy (continuous ambulatory peritoneal dialysis – CAPD, ambulatory peritoneal dialysis – APD, hemodialysis);	P7S_WG	
B.W26.	causes and principles of diagnostic and therapeutic management and care of patients with organ failure;	P7S_WG	
B.W27.	criteria for qualification and procedures for determining brain death and conditions for discontinuing futile oxygen therapy;	P7S_WG	
B.W28.	rules for the care of organ recipients before and after organ transplantation and for organ donors;	P7S_WG	
B.W29.	pathomechanism of diabetes, asthma, COPD, and chronic circulatory failure and their complications;	P7S_WG	
B.W30.	modern technologies for the treatment and monitoring of diabetes, including personal insulin pumps and continuous glucose monitoring systems;	P7S_WK	
B.W31.	principles and methods of therapeutic education for patients, their families or caregivers in the field of self-monitoring and self-care in diabetes, asthma, COPD and chronic heart failure;	P7S_WG	
B.W32.	etiopathogenesis of cancer and epidemiology and prevention of cancer;	P7S_WG	

B.W33.	principles of treatment of patients with cancer, including personalized therapy, and care for such patients;	P7U_W	P7S_WG
B.W34.	principles and methods of nursing care for patients after radiotherapy and chemotherapy;		P7S_WG
B.W35.	methods of recognizing the patient's response to the disease and oncological treatment;		P7S_WG
B.W36.	risk factors, pathomechanism of wound healing disorders, classification and clinical methods of assessment of non-healing wounds, as well as diagnostic and therapeutic conservative and surgical procedures;		P7S_WK
B.W37.	principles of the use of hyperbaric oxygen therapy, negative pressure therapy, larvae and biosurgery in the treatment of venous and ischemic ulcers, bedsores, frostbite and diabetic foot syndrome;		P7S_WK
B.W38	contemporary concepts of local treatment of non-healing wounds, including types of lavaseptics, antiseptics and dressings, as well as principles for their selection and reimbursement, principles of general treatment of non-healing wounds and methods supporting the wound healing process;		P7S_WG
B.W39.	principles of using basic surgical instruments in the process of wound preparation and treatment;		P7S_WG
B.W40.	principles of educating and preparing the patient, their family or caregiver on the prevention of wounds, their complications and the care of non-healing wounds;		P7S_WG
B.W41.	application of preventive and therapeutic compression therapy in diseases of the venous and lymphatic systems;		P7S_WG
B.W42.	principles of assessing the functioning of intestinal and urinary fistulas and their complications, including principles of management of local complications;		P7S_WG
B.W43	principles of preparing a patient with an intestinal and urinary fistula, their family or caregiver for patient care, principles of selecting ostomy equipment and its reimbursement, and principles of continuous and comprehensive care for patients with fistulas;		P7S_WG
B.W44.	types of pain (acute, chronic), mechanism and pathways of conduction, and factors influencing its perception;		P7S_WG
B.W45.	methods and tools for assessing and monitoring the patient's perception of pain;		P7S_WG
B.W46.	principles and methods of pharmacological and non-pharmacological pain management in various clinical situations in adults, including the elderly;		P7S_WG
B.W47.	the action and efficacy of analgesics from different groups (opioid and non-opioid analgesics, non-steroidal anti-inflammatory drugs – NSAIDs, analgesic ladder and co-analgesics) and their adverse effects;		P7S_WG
B.W48.	methods of nutritional treatment for children and adults, principles of cooperation with the nutrition team in planning and implementing methods, techniques, and types of enteral and parenteral nutrition as part of the prevention of complications;		P7S_WG
B.W49.	indications and complications of oxygen therapy;		P7S_WG
B.W50.	principles of using modern methods of oxygen therapy and monitoring the patient's condition due to oxygen toxicity;		P7S_WG
B.W51.	indications and principles of invasive and non-invasive mechanical ventilation and possible complications of its use in a healthcare facility or home environment;		P7S_WG
B.W52.	causes, symptoms, and course of depression, anxiety disorders, and addictions;		P7S_WG
B.W53.	principles of nursing care for patients with mental disorders, including depression and anxiety disorders,		P7S_WG

	and for addicted patients, their families or caregivers, as well as principles of therapeutic education and psychiatric rehabilitation for these individuals, taking into account all levels of health care (outpatient, intermediate, hospital, and the patient's living environment);	P7U_W	
B.W54.	the scope of assistance within the health services offered to persons with mental health problems and their families or guardians;		P7S_WK
B.W55.	rules for nursing care for patients with nervous system disorders, including degenerative diseases;		P7S_WG
B.W56.	application and principles of ultrasound (USG) examination to assess the location of peripheral vessels during cannulation, the location of a Foley catheter, a stomach probe, an intubation tube, and vascular flow and blood supply to a wound;		P7S_WG
B.W57.	principles for determining temporary incapacity for work and issuing certificates of temporary incapacity for work.		P7S_WK

### SKILLS

**In terms of skills, graduates are able to:**

B.U1.	select and prepare prescriptions for medicines containing specific active substances based on a targeted assessment of the patient's condition;	P7U_U	P7S_UW
B.U2.	interpret the pharmaceutical characteristics of medicinal products;		P7S_UW
B.U3.	select and prescribe medicines containing specific active substances, excluding medicines containing very potent substances, narcotics, and psychotropic substances, including issuing prescriptions for them;		P7S_UW
B.U4.	select and prescribe foodstuffs for special nutritional purposes, including issuing prescriptions for them, and prescribe specific medical devices, including issuing orders or prescriptions for them;		P7S_UW
B.U5.	recognize the phenomenon and effects of polypharmacy and polypharmacotherapy and educate the patient, their family or caregiver, as well as healthcare professionals, on the pharmacotherapy used;		P7S_UW
B.U6.	apply the principles of prevention of healthcare-associated infections and selected infectious diseases, as well as the principles of control of these infections and diseases, and the principles of epidemiological surveillance;		P7S_UW
B.U7.	plan and conduct education for healthcare workers on the prevention and control of hospital infections and education for patients, their families or caregivers in relation to post-hospital care;		P7S_UK
B.U8.	use nursing care management quality indicators in epidemiological surveillance and analyze the multifaceted nature of hospital infections;		P7S_UW
B.U9.	diagnose health risks for patients with chronic diseases;		P7S_UW
B.U10.	assess the patient's adaptation to chronic disease;		P7S_UW
B.U11.	provide advice to people at risk of addiction and those who are addicted, using the transtheoretical model of change developed by Prochaska and DiClemente;		P7S_UW; P7S_UK
B.U12.	prepare educational materials for patients, their families or caregivers as part of health counseling;		P7S_UW
B.U13.	use technological resources for health counseling;		P7S_UW
B.U14.	select and apply methods of assessing the patient's health status as part of nursing care;		P7S_UW
B.U15.	implement therapeutic interventions depending on the assessment of the patient's condition within the scope of		P7S_UW; P7S_UK

	their professional nursing qualifications;	
B.U16.	adapt available health promotion and health education programs to identified health needs;	P7S_UW; P7S_UK
B.U17.	implement health promotion programs for patients, their families, or caregivers;	P7S_UW; P7S_UK
B.U18.	use selected methods of health education;	P7S_UW; P7S_UK
B.U19.	conduct activities in the field of prevention and control of infectious, social and lifestyle diseases;	P7S_UW; P7S_UK
B.U20.	respond to specific health threats occurring in the environment of residence, education, and work;	P7S_UW
B.U21.	coordinate the provision of health services for patients with chronic diseases;	P7S_UW; P7S_UO
B.U22.	develop a diagnosis of health needs and a plan for the organization of care and treatment at the organizational and interinstitutional levels;	P7S_UO
B.U23.	plan and coordinate the process of providing health services, taking into account quality and effectiveness criteria;	P7S_UO
B.U24.	plan and conduct therapeutic education for patients in self-observation and self-care, and for their families or caregivers in caring for patients with chronic diseases (chronic heart failure, cardiac arrhythmias and hypertension, COPD, diabetes);	P7S_UO; P7S_UW
B.U25.	use modern information technologies to monitor the condition of patients with chronic diseases;	P7S_UW
B.U26.	perform diagnostic tests used in chronic respiratory diseases and interpret their results;	P7S_UW
B.U27.	provide specialized nursing care to patients undergoing renal replacement therapy using intermittent and continuous techniques (CRRT);	P7S_UW
B.U28.	plan and conduct therapeutic education for patients in self-observation and self-care, and for their families or caregivers in patient care during dialysis and hemodialysis;	P7S_UO; P7S_UK
B.U29.	, and peritoneal dialysis according to the established treatment plan;	P7S_UW
B.U30.	plan and provide nursing care for patients with organ failure before and after organ transplantation;	P7S_UW P7S_UO
B.U31.	plan, provide and coordinate care for patients with diabetes;	P7S_UW P7S_UO
B.U32.	motivate patients with diabetes to manage their disease and cooperate in the treatment process;	P7S_UW; P7S_UK
B.U33.	use modern methods of blood glucose monitoring and insulin administration, in particular the subcutaneous infusion technique;	P7S_UW
B.U34.	plan care for patients with selected cancers treated systemically;	P7S_UW P7S_UO
B.U35.	operate implantable vascular access systems (Totally Implantable Venous Access Devices, TIVDs) in home chemotherapy settings;	P7S_UW
B.U36.	apply methods and measures to mitigate the side effects of chemotherapy and radiotherapy;	P7S_UW
B.U37.	recognize the psychological situation of the patient and their reactions to the disease and the oncological treatment process;	P7S_UW
B.U38.	provide the patient, their family or caregiver with motivational and educational support in the prevention of complications resulting from cancer and oncological treatment and its side effects;	P7S_UK
B.U39.	recognize risk factors that interfere with wound healing and classify and clinically assess non-healing wounds;	P7S_UW

B.U40.	independently select wound treatment methods and modern dressings appropriate to the type and condition of the wound;	P7U_U	P7S_UW
B.U41.	use negative pressure and larval therapy in the treatment of chronic wounds;		P7S_UW
B.U42.	remove necrotic tissue from the wound using surgical instruments;		P7S_UW
B.U43.	advise members of the interprofessional team on wound prevention and modern treatment;		P7S_UW
B.U44.	recognize wound complications;		P7S_UW
B.U45.	apply wound closure strips;		P7S_UW
B.U46.	perform diagnostics of pressure ulcers, cancer ulcers, frostbite burns, superficial traumatic wounds, lower limb ulcers, and diabetic foot syndrome;		P7S_UW
B.U47.	measure the ankle-brachial index, toe-brachial index, and sensory disturbances, and interpret the results;		P7S_UW
B.U48.	recognize skin changes on the foot and nail disorders in a patient with diabetes;		P7S_UK
B.U49.	distinguish and remove corns, calluses, and care for the skin around wounds on the feet of patients with diabetes;		P7S_UW
B.U50.	prepare the patient for prevention, self-monitoring and wound care, as well as general supportive measures to aid wound healing, and prepare the patient's family or caregiver to care for the patient in this regard;		P7S_UW P7S_UK
B.U51.	perform diagnostics to qualify the patient for compression therapy;		P7S_UW
B.U52.	use preventive compression therapy in primary, secondary, and tertiary prevention, and use therapeutic compression therapy in diseases of the venous and lymphatic systems;		P7S_UW
B.U53.	take biological material from a wound for bacteriological and other tests, including mycological and virological tests;		P7S_UW
B.U54.	identify the sites of intestinal and urinary fistulas, assess their functioning, and apply modern care techniques;		P7S_UW
B.U55.	select equipment and supplies for intestinal and urinary fistulas and advise the patient, their family or caregiver on reimbursement and selection of such equipment and supplies, as well as on social support options;		P7S_UW
B.U56.	prepare the patient, their family or caregiver for management of dermatological and surgical complications of intestinal and urinary fistulas;		P7S_UK
B.U57.	perform irrigation of the intestinal fistula (colostomy);		P7S_UW
B.U58.	use standardized tools to assess pain intensity, taking into account the patient's age and clinical condition;		P7S_UW
B.U59.	independently select and apply pharmacological methods of acute and chronic pain management and non-pharmacological methods of pain management depending on the patient's clinical condition;		P7S_UW
B.U60.	monitor the effectiveness of pain treatment and modify the dose of pain medication within the scope of the doctor's prescription;		P7S_UW
B.U61.	provide advanced nursing care to patients with nervous system disorders, including degenerative diseases.		P7S_UW
B.U62.	educates patients, their families, or caregivers in the process of acute and chronic pain therapy;		P7S_UW P7S_UK
B.U63.	use standardized tools to assess the patient's nutritional status;		P7S_UW
B.U64.	monitor the patient's general condition during nutritional treatment in various clinical conditions;		P7S_UW
B.U65.	provide enteral nutrition using various techniques,		P7S_UW

	including feeding pumps and parenteral nutrition via central and peripheral veins;	P7U_U	
B.U66.	operate vascular access ports, central and peripheral access, percutaneous endoscopic gastrostomy (PEG), percutaneous endoscopic jejunostomy (PEJ), and gastric or enteral feeding tubes;		P7S_UW
B.U67.	educate the patient, their family or caregiver on enteral or parenteral nutrition, the use and care of feeding access, and the prevention of complications of enteral and parenteral nutrition;		P7S_UW P7S_UK
B.U68.	independently prescribe foodstuffs for special nutritional purposes in specific clinical conditions and issue prescriptions for them;		P7S_UW
B.U69.	prepare equipment and devices for the implementation of invasive mechanical ventilation;		P7S_UW
B.U70.	provide comprehensive nursing care to patients undergoing invasive and non-invasive mechanical ventilation in inpatient and home care settings;		P7S_UW
B.U71.	operate a ventilator in invasive and non-invasive ventilation modes;		P7S_UW
B.U72.	prepare and use equipment for non-invasive ventilation;		P7S_UW
B.U73.	educate the patient, their family or carer on how to prevent complications associated with mechanical ventilation and how to care for the patient at home;		P7S_UW; P7S_UK
B.U74.	assess the health needs of patients with mental disorders, including depression and anxiety disorders, and patients with substance abuse, and plan interventions within the scope of the nurse's professional competence;		P7S_UW; P7S_UO
B.U75.	analyze and adapt mental health promotion programs to the patient's needs;		P7S_UW; P7S_UO
B.U76.	recognize the patient's life situation in order to prevent their social isolation;		P7S_UW
B.U77.	conduct psychoeducation for patients (children, adolescents, adults, including the elderly) with mental disorders, including depression and anxiety disorders, as well as addicted patients and their families or caregivers;		P7S_UK
B.U78.	conduct rehabilitation of patients with mental disorders, including social skills training in various areas of care, in particular in the patient's and their family's environment;		P7S_UW P7S_UK
B.U79.	provide advanced nursing care to patients with nervous system disorders, including degenerative diseases;		P7S_UW
B.U80.	perform ultrasound examinations to locate peripheral vessels during cannulation, locate Foley catheters, stomach probes, endotracheal tubes, and assess vascular flow and wound perfusion;		P7S_UW

**Table.4** Description of specific learning outcomes for nursing, second-cycle studies (C. Scientific research and development of professional practice of nurses and their reference to the characteristics of the first and second cycles of the Polish Qualifications Framework .

Code of learning outcome	Description of the learning outcome	Characteristics of the first level of the PRK	Characteristics of the second level of the PRK
<b>C. RESEARCH AND DEVELOPMENT OF NURSING PROFESSIONAL PRACTICE</b>			

(scientific research in nursing practice, medical statistics, scientific information, evidence-based nursing practice, nursing practice in an international perspective, diploma seminar)

**KNOWLEDGE**  
**In terms of knowledge, graduates know and understand:**

C.W1.	the conditions for the development of scientific research in nursing;	P7W_U	P7S_WG
C.W2.	priorities for scientific research in nursing;		P7S_WG
C.W3.	good practices in scientific research;		P7S_WG
C.W4.	research methods, techniques, and tools used in qualitative and quantitative scientific research;		P7S_WG
C.W5	principles of developing a research model, including the objective, research problems, variables, indicators for variables, research methods, techniques and tools, and selection of the research group;		P7S_WG
C.W6.	principles of analysis and presentation of scientific research results and their dissemination;		P7S_WG
C.W7.	principles of preparing databases for statistical analysis;		P7S_WG
C.W8.	IT tools, statistical tests and rules for compiling scientific research results;		P7S_WG
C.W9.	sources of scientific medical information;		P7S_WG
C.W10.	methods of searching for scientific information in databases;		P7S_WG
C.W11.	principles and stages of evidence-based nursing practice (Evidence Based Nursing Practice);		P7S_WK
C.W12	assumptions and principles of developing nursing standards, taking into account evidence-based nursing practice and evidence-based practice in medicine;		P7S_WK
C.W13	principles and stages of preparing recommendations, guidelines, and guidelines for evidence-based nursing practice;		P7S_WK
C.W14	education systems for nursing studies and postgraduate nursing education in selected European Union member states;		P7S_WK
C.W15.	the structure and resources of nursing in Europe and worldwide, and forecasts for their development;		P7S_WK
C.W16.	the main threats to the working environment of nurses and midwives in Europe and worldwide;		P7S_WK
C.W17	roles and tasks of national and international nursing organizations (including the International Council of Nurses (ICN), the European Federation of Nurses Associations (EFN), and the Polish Nursing Association (PTP));		P7S_WK
C.W18	the procedure for the recognition of professional qualifications of nurses in the Republic of Poland and other European countries;		P7S_WK
C.W19.	nursing care systems and contemporary trends in the development of professional autonomy;		P7S_WK
C.W20.	rules governing access to healthcare services for citizens of European Union member states under European Union law;		P7S_WK
C.W21.	the role and priorities of the health policy of the World Health Organization (WHO) and the European Union.		P7S_WK

**SKILL**  
**In terms of skills, graduates are able to:**

C.U1.	recognize the conditions for the development of scientific research in nursing;	P7U_U	P7S_UW
C.U2.	recognize the priorities of scientific research in nursing at the international, European, and national levels;		P7S_UW

C.U3.	characterize research methods, techniques, and tools used in nursing research;		P7S_UW
C.U4.	develop a research model, including formulating the research objective, research problems, variables, indicators for variables, methods, techniques, and research tools, and select a research group;		P7S_UW
C.U5.	conduct scientific research, present and interpret its results, and relate them to the current state of knowledge;		P7S_UW
C.U6.	prepare databases for statistical calculations;		P7S_UW
C.U7.	apply parametric and non-parametric tests for dependent and independent variables;		P7S_UW
C.U8.	use specialist scientific literature, both national and international, scientific databases, and information and data provided by international nursing organizations and associations;		P7S_UW
C.U9.	indicate the differences between evidence-based practice and fact-based practice;		P7S_UW
C.U10.	indicate the stages of evidence-based practice;		P7S_UW
C.U11.	characterize the levels and degrees of scientific evidence;		P7S_UW
C.U12.	use the results of scientific research in nursing care to make appropriate decisions in professional nursing practice;		P7S_UW
C.U13.	prepare recommendations in the field of nursing care based on scientific evidence;		P7S_UW
C.U14.	analyze documents of the World Health Organization (WHO) and the International Council of Nurses (ICN) on the current state of nursing and the conditions for the development of the nursing profession;		P7S_UW
C.U15.	distinguish between nursing education systems and professional qualifications in Poland and abroad;		P7S_UW
C.U16.	distinguish between nursing care models in the context of the development of the nursing profession and changes in the care of patients of different ages and health conditions.		P7S_UW P7S_UO

**Table.5** Description of specific learning outcomes for the nursing program, second-cycle studies (social competences) and their reference to the characteristics of the first and second cycles of the Polish Qualifications Framework .

Code of learning outcome	Description of the learning outcome	Characteristics of the first level of the PRK	Characteristics of the second level of the PRK
<b>SOCIAL COMPETENCES</b> <b>In terms of social competences, graduates are ready to:</b>			
K1	critically evaluating one's own actions and those of colleagues while respecting differences in worldviews and cultures;		P7S_KR
K2	formulating opinions on various aspects of professional activity and seeking expert advice when difficulties arise that cannot be resolved independently;		P7S_KK

K3	showing care for the prestige of the nursing profession and professional solidarity;	P7U_K	P7S_KO
K4	solving complex ethical problems related to the nursing profession and identifying priorities in the performance of specific tasks;		P7S_KR
K5	taking responsibility for the health services provided;		P7S_KR
K6	demonstrating a professional approach to the marketing strategies of the pharmaceutical industry and the advertising of its products.		P7S_KR

### 3. Description of the study program

#### 3.1 Organized classes – number of hours and ECTS credits

##### 6 Detailed division into classes, subjects with allocation of hours and ECTS credits

No	COURSE NAME	Hours	ECTS
	<b>A. Social sciences and humanities</b>		
1	Law in the professional practice of nurses	3	3
2	Regulations in the professional practice of nurses	34	4
3	Medical education	3	3.5
4	Multiculturalism in the professional practice of nurses	2	2
5	Foreign language (polish)	9	6
	<b>Total – social sciences and humanities</b>	<b>220</b>	<b>19</b>
	<b>B. Advanced nursing practice</b>		
1.	Pharmacology and prescribing medicinal products	27	2.
2	Epidemiological nursing	2	2
3	Nursing counseling	24	2
4	Coordinated healthcare	18	1.5
5.	Care and therapeutic education in chronic diseases: chronic cardiovascular diseases - circulatory failure and arrhythmias, hypertension	48	3.5
6	Care and therapeutic education in chronic diseases: chronic respiratory diseases (respiratory failure, COPD)	48	3.5
7	Care and therapeutic education in chronic diseases: Allergic diseases	24	2
8	Care and therapeutic education in chronic diseases: Kidney diseases (renal replacement therapy, including dialysis therapy)	24	2
9	Care and therapeutic education in chronic diseases: Diabetes (care for patients with diabetes and diabetes education)	36	3
10	Care and therapeutic education in chronic diseases: Chronic wounds and	36	3

	fistulas (wound treatment, compression therapy, care for patients with intestinal and urinary fistulas)		
11	Care and therapeutic education in chronic diseases: Acute and chronic pain (including pain therapy in adults)	27	2
12	Care and therapeutic education in chronic diseases: Enteral and parenteral nutritional therapy	39	3
13	Care and therapeutic education in chronic diseases: Continuous oxygen therapy and mechanical ventilation, and nursing care for mechanically ventilated adults with chronic diseases	24	2
14	Care and therapeutic education in chronic diseases: Cancer	39	2.5
15	Care and therapeutic education in chronic diseases: Nervous system disorders	39	3
16	Care and therapeutic education in chronic diseases: Mental health disorders and rehabilitation of patients with chronic mental disorders	33	2.5
	<b>Total – advanced nursing practice</b>	<b>510</b>	<b>4</b>
	<b>C. Scientific research and development of professional practice for nurses</b>		
1.	Scientific research in the professional practice of nurses	39	3
2	Medical statistics	24	3.5
3	Scientific information	18	2
4	Evidence-based nursing practice	18	2.5
5	Professional practice of nurses in an international perspective	18	2
6	Master's seminar, Preparation of thesis and preparation for diploma exam	53	2
7		0	2
	<b>Total – Scientific research and development of professional practice of nurses and ECTS preparation of thesis and preparation for diploma exam</b>	<b>17</b>	<b>3</b>
	<b>D. Professional practice</b>		
1	Management in nursing professional practice	20	1
2	Care and therapeutic education in selected chronic diseases	160	8
3	Prescribing medications and writing prescriptions	20	1
	<b>Total – Professional practice</b>	<b>20</b>	<b>1</b>
	<b>Supplementary classes available at the Academy</b>		
1	Health tourism	9	1
2.	Depression, burnout, and quality of life	17	1.5
4	Nursing care for patients with blood diseases	27	2
5	Creating a business plan	30	2

6	Medical preparation for emergencies and war situations	27	2
	<b>Total supplementary classes, excluding elective classes</b>	<b>11</b>	<b>8</b>
<b>Standard: 5% (≥ 6 ECTS)</b>			
1	Immunology / Dermatology	12	1
2	Otolaryngology / Quality management	12	1
3	Medical communication /Speech pathology and rehabilitation	39	3
4	Nursing in addiction and social marginalization / Ophthalmology	2	2.5
	<b>Total supplementary classes to choose from</b>	<b>9</b>	<b>7</b>
	<b>Total supplementary classes, including elective classes</b>	<b>2</b>	<b>16</b>
	<b>TOTAL</b>	<b>130</b>	<b>120</b>

The full schedule of the study program, broken down by semesters, including subjects and forms of classes, as well as hours and ECTS credits assigned to each form, is attached to this study program. The documents are available on the Academy's website.

### 3.2 Indicators characterizing the study program

**Table.7** Indicators for the study program in the assessed field of study, level, and profile of the study program. studiów.

Indicators characterizing the study program	
Indicator name	Number of ECTS
Number of ECTS credits required to obtain qualifications corresponding to the level of studies	
Number of semesters required to obtain qualifications corresponding to the level of studies	4
Number of ECTS credits assigned to teaching activities requiring direct participation of academic teachers and students	1
Number of ECTS credits assigned to classes related to practical professional training aimed at developing students' practical skills and social competences (for practical fields of study)	8
Number of ECTS credits available to the Academy, assigned to classes supplementing learning outcomes in groups A, B, and C combined	1
Number of ECTS credits at the Academy's disposal, assigned to classes complementary to learning outcomes in groups A, B, C – elective classes	7
Number of ECTS credits assigned to foreign language classes	6
Number of ECTS credits for the preparation of the thesis and preparation for the diploma exam	

### 3.3 Classes developing practical skills

**8** Forms of classes for individual groups of classes related to practical preparation for the profession, aimed at acquiring practical skills and social competences by students

Class groups	Total hours	S	ECTS S	Ć	ECTS Ć	ĆS	ECTS ĆS	Kon	ECTS Kon	ECTS	ECTS PZ	ECTS total
A. Social sciences and humanities	<b>16</b>			1	7	10	1	54	4.5			<b>13.5</b>
B. Advanced nursing practice	<b>312</b>			210	16	96	7.5	6	0.5			<b>24</b>
C. Scientific research and nursing development (including preparation of a thesis and preparation for the diploma exam)	<b>134</b>	5	2	9	1			72	7.5			<b>3</b>
D. Professional practice	<b>200</b>									200	10	<b>10</b>
Supplementary classes, including elective classes	<b>95</b>	2	2	3	3.5			29	2			<b>8</b>
<b>Total</b>	<b>907</b>	<b>80</b>	<b>24</b>	<b>360</b>	<b>28.5</b>	<b>106</b>	<b>9</b>	<b>161</b>	<b>15</b>	<b>200</b>	<b>10</b>	<b>86.5</b>

#### Key

S – seminar

Ć – exercises

ĆS – simulation exercises

Sem – seminars

PZ – professional practice

### 3.4 Elective courses

**9** Elective courses, as part of supplementary classes

Supplementary classes available at the Academy, to be selected	Number of hours	Number of ECTS
Immunology or Dermatology	1	1
Otolaryngology or Quality Management	1	1
Medical Communication or Pathology and Speech Rehabilitation	39	3
Nursing in Addiction and Social Marginalization or Ophthalmology	27	2
<b>Total supplementary classes to choose from</b>	<b>9</b>	<b>7</b>

Students who are graduates of first-cycle studies in nursing, who began their education before the 2016/2017 academic year and have not completed the specialist course referred to in Article 15a(2) of the Act of July 15, 2011, on the professions of nurse and midwife (Journal of Laws 2024, item 814, as amended), the Academy will provide the opportunity to complete a course in which students will achieve the specific learning outcomes defined for first-cycle studies in the field of prescribing medicines, foodstuffs for special nutritional purposes and medical devices necessary for the continuation of treatment in accordance with medical orders. The course will be conducted over 36 hours.

### **3.5 Description of subjects covered by the study program**

A description of the subjects, together with the learning outcomes assigned to each subject, the program content, forms and methods of teaching, the number of ECTS credits, and the methods of verification and assessment of the achievement of the intended learning outcomes by the student are specified in the cards for each subject.

## **4. Methods and forms of education**

The following teaching methods are used in the nursing study program:

- teaching methods (used for the acquisition/assimilation of knowledge, mainly through informative lectures, descriptions, explanations),
- problem-based methods (used for independent acquisition of knowledge, based on creative cognitive activity involving problem solving, e.g., problem-based lectures, case studies, discussion),
- practical methods (facilitate students' direct experience of reality and allow them to use their knowledge in solving practical problems, e.g., demonstrations, instruction, exercises, medical and nursing simulations, etc.).

The following forms of education are used in the second-cycle nursing program:

- lectures,
- seminars,
- exercises, including simulation exercises,
- diploma seminars,
- professional internships,
- independent student work.

## **4. Professional internships**

Practical training is an integral part of nursing education, which aims to prepare students for their professional duties. Professional internships (group D classes) serve to improve, in clinical conditions, the learning outcomes achieved in the skill categories in groups A and B. The aim of professional practice is to develop, improve, and consolidate professional skills in patient care regardless of age, to learn about the specific nature of nursing work in various healthcare facilities/institutions, and to develop independence in decision-making and action in the field of nursing (*Appendix: Regulations for practical training*). A detailed list of skills to be acquired during professional practice and the methods of their verification are included in the subject syllabi and the practical training log.

### **4.1 Organization of professional internships**

The study program schedule specifies the duration, semester, and year of study during which individual internships are carried out. Professional internships are assigned ECTS credits in accordance with the study program.

The implementation of classes within the framework of professional internships (class group D) in natural conditions is preceded by the implementation of classes in simulated conditions based on high-fidelity scenarios conducted in class group A for at least 10 hours and in class group B for at least 96 hours.

Professional internships are carried out in groups of no more than 8 students, except for professional internships in intensive care, neonatal and pediatric wards, operating rooms, and primary health care, which are carried out in groups of no more than 4 students.

Professional internships (group D) are carried out under the supervision of a person licensed to practice nursing, who is an employee of a healthcare provider and performs professional tasks in the healthcare unit ( ) of the entity where the student is completing their professional internship, and the professional internship is supervised by a supervisor from the Academy.

The internship supervisor monitors the student's progress in acquiring the skills and competences acquired during the internship and assesses and certifies the learning outcomes (student's work) in *the Practical Training Log*.

Professional internships are carried out in a block form, which means that one week of

classes consists of 40 teaching hours, with one teaching hour lasting 45 minutes.

Supervision of the course of professional internships in terms of program and organization is described in the Practical Training Regulations.

#### **4.2 Dimension of professional practice**

**10 Table** Professional practice – number of hours and ECTS credits

Scope of professional practice	Number of hours	Number of ECTS credits
Management in the professional practice of nurses	2	1
Care and therapeutic education in selected chronic diseases: 2nd semester - Chronic wounds and fistulas (wound treatment, compression therapy, care for patients with intestinal and urinary fistulas) 3rd semester - Nervous system disorders 4th semester - Continuous oxygen therapy and mechanical ventilation, and nursing care for mechanically ventilated adults with chronic diseases	160	8
Prescribing medications and issuing prescriptions	20	1
<b>Total hours</b>	<b>20</b>	<b>1</b>

#### **4.3 Infrastructure for practical training and selection of institutions**

Professional internships are conducted based on the infrastructure of the Academy or the infrastructure of entities providing medical services with which the Academy has concluded agreements or arrangements, in particular in hospital wards and primary care nurse and primary care physician offices.

The selection of institutions for practical training is based on criteria specified by the Academy (*appendix to the Regulations for practical training*), taking into account the achievement of learning outcomes.

Professional internships take place throughout the year and may be carried out by students at a location of their choice (in accordance with the given field of nursing) and under the supervision of a mentor from the institution.

## **5. Method of verification of learning outcomes**

### **5.1 Methods of verification and assessment of learning outcomes:**

Verification of the learning outcomes achieved by students throughout the entire educational cycle requires the use of various forms of student assessment, appropriate to the categories of knowledge, skills, and social competences to which these outcomes relate. The methods of verifying learning outcomes are described in detail in the syllabi for individual courses, taking into account their form, as well as in the practical training log.

Within individual subjects, learning outcomes are verified at two levels: through formative assessment, which is carried out during the semester and serves both the student and the lecturer to assess progress in learning and verify teaching methods, and through summative assessment (summative) at the end of the semester, which allows to determine whether and to what extent the student has achieved the intended learning outcomes.

In sporadic and individual cases, learning outcomes are verified by means of a committee examination.

The verification of the learning outcomes achieved under the study program is completed by a diploma exam, which consists of a theoretical part and the defense of a diploma thesis, as described in the Regulations for the award of a second-cycle degree in nursing (Appendix 4). The thesis for second-cycle studies is research-based and covers the learning outcomes included in the study program.

The adequacy of the learning outcomes adopted for the field of study is assessed not only by the students themselves (e.g. by means of an evaluation questionnaire), but also by the academic teachers teaching individual subjects and employers involved in the work of the Internal Quality Assurance System at PANS.

#### **In terms of knowledge:**

Learning outcomes in the area of knowledge are assessed through written or oral exams. Written exams include essays, reports, short structured questions, and tests: multiple choice (MCQ), multiple response (MRQ), yes/no, and matching tests.

Assessment of written work – individual and team work, such as: written tests covering closed and/or open questions, class outlines, case studies, improvement projects and programs, portfolios, preparation of articles for publication, preparation of conference abstracts, research reports.

Oral exams are standardized and focused on testing knowledge at a level higher than mere factual knowledge (e.g., level of understanding, ability to analyze, synthesize, and solve problems).

Assessment of individual and team presentations and speeches, such as: oral presentations, oral presentations based on prepared visual materials using multimedia, oral statements in connection with the analyzed literature (also in a foreign language), legal acts. Clinical case studies are used, on the basis of which the student determines and presents a plan for specialized nursing care.

#### **In terms of skills:**

The assessment of practical skills, both communication and procedural (manual), requires direct observation of the student demonstrating their skills during a traditional exam or a standardized exam (OSCE – *Objective Structured Clinical Examination*) and its modification (Mini-CEX).

Assessment of practical activities, such as: participation in discussions, panel discussions, debates, brainstorming sessions, role-playing, observation of student work during professional internships, mini-research projects, activity during practical classes, volunteer work, participation in a scientific conference or seminar, activity in a student research club, design and implementation of teaching aids, work in a task force.

#### **In terms of social attitudes**

Achievements in the area of social attitudes are assessed on the basis of a reflective essay, extended observation by the supervisor (teacher), a 360° assessment (based on the opinions of teachers, patients, other colleagues), peer assessment, and self-assessment by the student.

## **5.2 Conditional credit for the course**

A student who has received a failing grade for the course may take the exam only once during the retake session. If the student receives a failing grade on the first exam or fails to take the exam on that date (missing the deadline), the student has the right to take the exam during the retake session (second date).

If the student does not obtain a positive grade during the retake session, they may pass the

course conditionally within a period specified by the Vice-Rector for Academic Affairs. Conditional passing of a course is subject to a fee in accordance with the Regulations on fees for students and candidates for first-cycle and second-cycle studies and postgraduate studies at Powiślański Academy (including foreign students).

## **6. Diploma award process**

The rules for conducting the diploma examination and defending the diploma thesis are set out in the Regulations for the award of diplomas in second-cycle studies in nursing (Appendix 4).

## **7. Persons conducting education**

At the Faculty of Health Sciences of the Powiślański Academy, theoretical and practical education is provided by qualified academic staff and practical supervisors, in accordance with the field of study.

1. Education enabling the achievement of learning outcomes in groups A–C is conducted by academic teachers with professional or scientific competence and experience in the field relevant to the classes they teach, or other persons with such competence and experience.
2. Education enabling the achievement of learning outcomes in groups A–C, as part of classes covering nursing care, is provided by academic teachers who are licensed nurses and have at least two years of professional experience in the field relevant to the classes they teach, or other persons with such competence and experience.
3. Professional practice (class group D) is carried out under the supervision of a person licensed to practice nursing, who is an employee of a healthcare provider and performs professional tasks in the organizational unit of the entity where the student is undergoing professional practice, and the supervision of professional practice is carried out by a practice supervisor from the Academy.

### **7.1 Responsibilities of the teacher conducting the classes**

In the process of verifying learning outcomes, teachers of nursing courses at the Faculty of Health Sciences of the PANS are required to:

- implement the content of the course card for the course they teach,

- familiarizing students with the content of the course card and the assessment rules within 14 days of the start of classes, and informing them about the availability of the course card on the Academy's website,
- continuously analyze the learning outcomes achieved by each student enrolled in the course,
- verification of the achievement of learning outcomes specified in the course description for each student enrolled in the course,
- the use of methods for verifying the learning outcomes specified in the course description,
- compliance with the student workload specified in the course description,
- submitting student work to the Dean's Office in written and/or electronic form in accordance with the procedure specifying the rules for storing documents verifying the achievement of learning outcomes by students.

## **8. Attachments to the study program**

**Attachment 1.** Schedule of the study program broken down by semesters, including courses and forms of classes, as well as hours and ECTS credits assigned to each form of class.

**Attachment 2.** Description of courses with learning outcomes assigned to each course, program content, forms and methods of teaching, number of ECTS credits, and methods of verification and assessment of the student's achievement of the intended learning outcomes.

**Attachment 3.** Regulations for practical training in second-cycle studies in nursing.

**Attachment 4.** Regulations for awarding diplomas in second-cycle studies in nursing.

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