DESCRIPTION OF THE PROGRAMME
FOR THE PHYSIOTHERAPY FIELD OF STUDY
long - cycle master's degree programme, practical profile

1. GENERAL CHARACTERISTICS OF THE STUDY PROGRAMME	
Faculty of study:	**Faculty of Human Sciences**
1.1 Programme/field of study	**Physiotherapy**
1.2 Level of study	**Long-cycle Master's Degree Programme**
1.3 Level of the Polish Qualifications Framework	**7 PQF**
1.4 Educational profile	**practical**
1.5 Form of study	**full-time studies,** **part-time studies**
1.6 Number of semesters and ECTS credits required to complete studies	**number of semesters – 10** **number of ECTS credits – 300**
1.7 Total number of teaching hours at full-time/part-time studies	**full-time studies – 3760 + 1560 Student work placements** **part-time studies – 3700 + 1560 Student work placements**
1.8 Total number of ECTS humanities or social sciences courses	**16 ECTS – 5 %**
1.9 Professional title awarded to graduates, ISCED CODE. Synthetic description of professional characteristics	**Master's degree in Physiotherapy; ISCED CODE: 0915** A graduate of a long-cycle master's degree programme in physiotherapy is awarded a master's degree without the right to exercise the profession, but having the right to take the State Physiotherapy Examination. A graduate of a long-cycle master's degree programme, with a practical profile in Physiotherapy will be ready to work in: – public and non-public health care institutions, – hospitals and spa treatment facilities for children and adults, – rehabilitation, care and welfare centres, – nursing homes, – hospices, – home nursing/community-nursing – private and public physiotherapy units; – rehabilitation clinics, – centres for people with disabilities, – sports, recreation centres, – Wellness&SPA, – fitness clubs, – institutions dealing with guidance and dissemination of knowledge in medical sciences, health sciences, – in educational establishments: schools, universities, research & development centres and central and local government institutions. A long-cycle master's degree programme allows for the acquisition of extensive knowledge, skills and competences needed to make good use of the physiotherapy achievements in the exercise of the profession. In addition, graduates are particularly prepared to meet the needs of the labour market through the offered majors being in line with current trends in the profession of:

	• *Physiotherapy in geriatric care* • *Physiotherapy in sport* which increase their chances of being employed in different fields related to health sciences and medical sciences.

2. LEARNING OUTCOMES AND ATTRIBUTION OF SCIENTIFIC DISCIPLINES AS DEFINED IN THE STUDY PROGRAMME

2.1 Attribution of scientific disciplines

Field of Social Sciences

LP	Title of scientific discipline	Number of ECTS credits	%
1.	Health sciences-major discipline	267 ECTS	89 %
2.	Medical sciences	33 ECTS	11 %
	Total number of ECTS and percentage of ECTS in the study programme	**300 ECTS**	**100 %**

2.2. Learning outcomes for the field of study with reference to the Polish Qualifications Framework (PQF)

Field of study:	**PHYSIOTHERAPY**		
Level of study:	**LEVEL 7 OF PQF – LONG-CYCLE MASTER'S DEGREE PROGRAMME**		
Educational profile:	**PRACTICAL**	**Reference:**	
Learning outcomes symbol for the study programme	**Learning outcomes after completing a long-cycle master's degree programme in physiotherapy**	universal characteristics for a given PQF level	Characteristics for second-degree studies learning outcomes for qualifications at PQF level 7
GENERAL LEARNING OUTCOMES			
KNOWLEDGE The graduate knows and understands:			
O.W01	issues related to the discipline of science, i.e. biological sciences including the development, structure and functions of the human body in normal and pathological conditions;	P7U_W	P7S_WG
O.W02	issues related to the discipline of science, i.e. medical sciences including etiology, pathomechanism, symptoms and course of the most common diseases;	P7U_W	P7S_WG
O.W03	issues related to the disciplines of science, i.e. psychology, sociology, philosophy, bioethics;	P7U_W	P7U_WK
O.W04	the principles of mechanical effects on the body of the healthy and the sick, including the elderly, with different dysfunctions and diseases, under different conditions;	P7U_W	P7S_WG
O.W05	the mechanism of action of physical agents on the human body and the impact of physical interventions in the treatment of people with various diseases and dysfunctions, including the elderly, under different conditions;	P7U_W	P7S_WG
O.W06	indications and contraindications for physicotherapy and massage interventions, kinestherapy and manual therapy, and special physiotherapy methods;	P7U_W	P7S_WG
O.W07	recommendations for the use of physiotherapy in specific conditions;	P7U_W	P7S_WG
O.W08	principles of operation of medical devices and rules of their use in the treatment of persons with different diseases and dysfunctions, including the elderly, under different conditions;	P7U_W	P7S_WG
O.W09	specialised issues in the theory, methodology and practice of physiotherapy;	P7U_W	P7S_WG
O.W10	issues related to functional diagnostics of physiotherapy, planning of physiotherapy and control of its effects at an advanced level;	P7U_W	P7S_WG

O.W11	issues related to the shaping, maintenance and restoration of physical fitness and efficiency for people of all ages, including the elderly, lost or reduced as a result of various illnesses or injuries, and the principles of advanced health promotion;	P7U_W	P7S_WG
O.W12	legal and economic aspects of the operating activity of bodies involved in the rehabilitation of persons with disabilities;	P7U_W	P7S_WK
O.W13	ethical, legal and social conditions for the exercise of the profession of a physiotherapist.	P7U_W	P7S_WK
SKILLS The graduate is able to:			
O.U01	perform treatments in physicotherapy, kinestherapy, massage and manual therapy as well as special physiotherapy methods;	P7U_U	P7S_UW
O.U02	interpret the results of functional examinations and perform the function tests necessary for the selection of physiotherapy measures, and interpret their results;	P7U_U	P7S_UW
O.U03	develop, verify and modify physiotherapy programmes for people with various dysfunctions, including elderly people, depending on their clinical and functional condition, and as part of a comprehensive rehabilitation process;	P7U_U	P7S_UW
O.U04	control the effects of physiotherapy;	P7U_U	P7S_UW
O.U05	select medical devices according to the type of dysfunction and the patient's needs at each stage of rehabilitation, and instruct the patient on how to use them;	P7U_U	P7S_UW
O.U06	apply adapted physical activity and sport activities for persons with disabilities to plan, select, modify and create different forms of recreational and sporting activities for people with special needs, including elderly people;	P7U_U	P7S_UW
O.U07	implement actions aimed at health education, health promotion, disability prevention, as well as primary and secondary disease prevention;	P7U_U	P7S_UW P7S_UK
O.U08	demonstrate the high physical capacity necessary for the correct demonstration and treatment of kinesis, massage and manual therapy and the use of special methods for people with various diseases, dysfunctions and different types and degrees of disability;	P7U_U	P7S_UW
O.U09	plan their own educational path and continuously learn to update their knowledge;	P7U_U	P7S_UU
O.U10	inspire others to learn and engage in physical activity;	P7U_U	P7S_UU
O.U11	communicate with the patient and his/her family in an atmosphere of trust, taking into account the patient's needs and rights;	P7U_U	P7S_UK
O.U12	communicate with the team colleagues and share knowledge;	P7U_U	P7S_UK P7S_UO
O.U13	use knowledge of the rationalisation and optimisation of physiotherapy, also by working together in a therapeutic team;	P7U_U	P7S_UO
O.U14	follow ethical and bioethical rules in carrying out activities specific to the profession of a physiotherapist.	P7U_U	P7S_UW
SOCIAL COMPETENCIES The graduate is prepared to:			
O.K01	establish and maintain respectful contact with the patient, as well as demonstrating understanding of philosophical and cultural differences;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K02	exercise the profession, being aware of the role played by a physiotherapist for the benefit of the society, including the local community;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K03	demonstrate an attitude that promotes a healthy lifestyle, to encourage and actively create a healthy lifestyle and to promote health in the course of professional activities and to determine the level of ability required for the exercise of the profession of a physiotherapist;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K04	comply with the patients' rights and the rules of professional ethics;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K05	recognise and identify their own constraints, self-assess educational deficits and needs;	P7U_K	P7S_KK P7S_KO

			P7S_KR
O.K06	use reliable/objective sources of information;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K07	implement the principles of professional collaboration and cooperation in a team of professionals, including representatives of other medical professions, also in a multicultural and international environment;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K08	formulate opinions on different aspects of the professional activity;	P7U_K	P7S_KK P7S_KO P7S_KR
O.K09	assume responsibility for decisions taken in the course of a professional activity, in terms of both their personal safety and the safety of other people.	P7U_K	P7S_KK P7S_KO P7S_KR
A. BIOMEDICAL FUNDAMENTALS OF PHYSIOTHERAPY (anatomy – normal anatomy, functional anatomy, imaging anatomy, palpation anatomy; medical biology; genetics; biochemistry; physiology – general physiology, exercise physiology, pain physiology, physiological diagnosis; physiotherapy pharmacology; biophysics; biomechanics – applied biomechanics and ergonomics, clinical biomechanics; general pathology; first aid)			
KNOWLEDGE **The graduate knows and understands:**			
A.W01	the anatomical structure of various systems of the human body and the basic relations between their structure and function in health and disease conditions and, in particular, the human movement system;	P7U_W	P7S_WG
A.W02	types of imaging methods, rules of conducting them and their diagnostic value (X-ray image, ultrasonography, computed tomography, magnetic resonance imaging);	P7U_W	P7S_WG
A.W03	anatomy terminology for describing health status;	P7U_W	P7S_WG
A.W04	basic physical characteristics, structural organization and functions of human cells and tissues;	P7U_W	P7S_WG
A.W05	embryonic development, organogenesis and stages of human embryonic and sexual development;	P7U_W	P7S_WG
A.W06	the basic mechanisms of human processes from childhood through maturity to old age;	P7U_W	P7S_WG
A.W07	basic metabolic processes occurring at cellular, organ and systemic levels, including hormonal regulation, reproduction and ageing processes and their changes under the influence of physical effort or as a result of certain conditions;	P7U_W	P7S_WG
A.W08	the fundamentals of the functioning of various human body systems and of the movement and sensory organs;	P7U_W	P7S_WG
A.W09	kinesiological mechanisms for controlling the movement and regulation of metabolic processes occurring in the human body and the physiology of physical effort;	P7U_W	P7S_WG
A.W10	methods of assessing the performance of individual organs and systems and their applicability to assess the functional status of a patient in different clinical areas;	P7U_W	P7S_WG
A.W11	the mechanism of action of pharmacological agents used in the context of different human diseases and systems, the principles of their administration and their limitations and side-effects, and the impact of those measures on the patient's fitness due to its need to be taken into account in physiotherapy planning;	P7U_W	P7S_WG
A.W12	external physical agents and their effects on the human body;	P7U_W	P7S_WG
A.W13	biomechanical body static principles and activities of the healthy and the sick;	P7U_W	P7S_WG
A.W14	the principles of ergonomics of everyday human activities and activities related to the exercise of the profession, with particular regard to the ergonomics of the work of a physiotherapist;	P7U_W	P7S_WG
A.W15	motor control principles, theories and concepts of the process for controlling and adjusting the operation;	P7U_W	P7S_WG
A.W16	the fundamentals of learning the correct posture and movement control and teaching motor activities;	P7U_W	P7S_WG
A.W17	mechanisms for the development of functional disorders and pathophysiological basis for disease development;	P7U_W	P7S_WG

A.W18	methods of the overall assessment of health status and symptoms of basic disorders and diseases;	P7U_W	P7S_WG
A.W19	methods of assessing the essential functions of a person in a state of danger to health or life;	P7U_W	P7S_WG
A.W20	genetic determinants of the development of diseases in the human population;	P7U_W	P7S_WG
A.W21	genetic and phenotype-related motor skills.	P7U_W	P7S_WG
SKILLS The graduate is able to:			
A.U01	recognise and locate on phantoms and anatomical models the essential structures of the human body, including elements of the motor system such as bone-grid elements, muscle groups and individual muscles;	P7U_U	P7S_UW
A.U02	palpathy localise selected anatomical elements and their relationship with adjacent structures, including the bones of muscle and ligament trailer sites and anthropometric measurement points, superficial muscles and tendons and selected vascular/nervous beams;	P7U_U	P7S_UW
A.U03	define biochemical indicators and their evolution in the course of certain diseases and under the influence of physical effort, in terms of safe use of physiotherapy methods;	P7U_U	P7S_UW
A.U04	measure and interpret the results of analyses of the basic cardiovascular function indicators (carcinum, blood blood pressure), blood composition and static and dynamic respiratory indicators, and evaluate reflexions from all levels of the nervous system for safe use of physiotherapy methods;	P7U_U	P7S_UW
A.U05	carry out a basic study of sensory organs and evaluate the balance;	P7U_U	P7S_UW
A.U06	assess the exercise capacity, exercise tolerance, fatigue and overflow rates;	P7U_U	P7S_UW
A.U07	use the properties of a specific group of pharmacological agents in physico-therapeutic treatments in different diseases;	P7U_U	P7S_UW
A.U08	assess the effects of physical agents on the human body, distinguishing normal and disturbed reactions;	P7U_U	P7S_UW
A.U09	assess the state of the human motor system under static and dynamic conditions (general, sectional, local) in order to detect disturbances in its structure and function;	P7U_U	P7S_UW
A.U10	perform a detailed biomechanical analysis of simple and complex human movements under normal conditions and in the event of various disturbances in the motor system;	P7U_U	P7S_UW
A.U11	predict the effects of different mechanical loads on pathologically altered human body structures;	P7U_U	P7S_UW
A.U12	assess the different motor capabilities;	P7U_U	P7S_UW
A.U13	assess physical and functional performance based on up-to-date tests for all age groups;	P7U_U	P7S_UW
A.U14	interview and analyse the information gathered to the extent needed for physiotherapy;	P7U_U	P7S_UW
A.U15	identify situations that endanger human health or life and provide qualified first aid in health and life emergencies and carry out cardiovascular respiratory resuscitation in adults and children.	P7U_U	P7S_UW
B. GENERAL SCIENCES (foreign language; psychology – general psychology, clinical psychology, psychotherapy, clinical communication; sociology – general sociology, sociology of disability; pedagogy – general pedagogy, special pedagogy; physiotherapy education; fundamentals of law – intellectual property rights, medical law, civil law, labour law; public health; demography and epidemiology; economics and health systems; management and marketing; philosophy; bioethics; history of physiotherapy; information technologies; physical education)			
KNOWLEDGE The graduate knows and understands:			
B.W01	psychological and sociological conditions for the functioning of an individual in the society;	P7U_W	P7S_WG
B.W02	psychological and social aspects of attitudes and support activities;	P7U_W	P7S_WG
B.W03	communication models in healthcare, basic skills to communicate with the patient and members of an interdisciplinary therapeutic team;	P7U_W	P7S_WG
B.W04	the principles of motivating patients for health-enhancing behaviour and reporting of unsuccessful prognosis, the importance of verbal and non-verbal communication in communicating with patients, as well as the notion of trust in interaction with the patient;	P7U_W	P7S_WG

B.W05	basic psychotherapy methods;	P7U_W	P7S_WG
B.W06	basic issues of special pedagogy and pedagogy;	P7U_W	P7S_WG
B.W07	limitations and conditions of education for persons with disabilities, rules on how to deal with their pedagogical problems, and modern trends in the revalidation of persons with disabilities;	P7U_W	P7S_WG
B.W08	basic forms and means of communication using teaching methods in physiotherapy teaching, training and professional development;	P7U_W	P7S_WG
B.W09	the rules governing the exercise of the profession of a physiotherapist and the operating activity of the professional body of physiotherapists;	P7U_W	P7S_WG
B.W10	legal regulations related to the exercise of the profession of a physiotherapist, including patients' rights, the employer and employee's obligations, in particular under civil law, labour law, protection of industrial property and copyright, and rules on civil liability in physiotherapy practice;	P7U_W	P7S_WK
B.W11	health and health risk factors;	P7U_W	P7S_WG
B.W12	principles of health education and health promotion and elements of social health policy;	P7U_W	P7S_WG
B.W13	the determinants and risks of health and the scale of disability-related problems in demographic and epidemiological terms;	P7U_W	P7S_WG
B.W14	the principles of demographic analysis and the basic concepts of epidemiological statistics;	P7U_W	P7S_WG
B.W15	the rules governing the organisation and financing of the health system in the Republic of Poland and the economic conditions on the provision of physiotherapy services;	P7U_W	P7S_WG
B.W16	rules governing the management of the therapeutic team and the organisation and management of rehabilitation entities;	P7U_W	P7S_WG P7S_WK
B.W17	rules for the employment of persons with different degrees of disability;	P7U_W	P7S_WG
B.W18	ethical principles of modern medical marketing;	P7U_W	P7S_WK
B.W19	rules for simplified market analysis for the planning of physiotherapy activities;	P7U_W	P7S_WG
B.W20	the history of physiotherapy and career development, as well as international physiotherapy organisations and other physiotherapists' organisations;	P7U_W	P7S_WG
B.W21	IT and statistical tools for data production, presentation and problem-solving.	P7U_W	P7S_WG
SKILLS The graduate is able to:			
B.U01	communicate in one of the foreign languages at B2+ level of the Common European Framework of Reference for Languages;	P7U_U	P7S_UW
B.U02	identify and recognise, with regard to the safe use of physiotherapy methods, psychological problems in people, including elderly people, with different dysfunctions and ages, and assess their impact on the course and effectiveness of physiotherapy;	P7U_U	P7S_UW
B.U03	use appropriate forms of therapeutic and educational treatment to support the process of revalidating a person with a disability;	P7U_U	P7S_UW
B.U04	organise actions aimed at health education, health promotion and disability prevention;	P7U_U	P7S_UW
B.U05	perform a screening test for the prevention of dysfunction and disability;	P7U_U	P7S_UW
B.U06	estimate the cost of physiotherapy;	P7U_U	P7S_UW
B.U07	carry out a simplified market analysis for the planning of physiotherapy activities;	P7U_U	P7S_UW
B.U08	identify fundamental ethical issues in contemporary medicine, protection of life and health and take into account the cultural, religious and ethnic background of patients in the planning and conduct of physiotherapy;	P7U_U	P7S_UW
B.U09	demonstrate motor skills in selected forms of physical activity (recreational and health-related);	P7U_U	P7S_UW
B.U10	interview the adult patient, the child and the patient's family using active listening and empathy techniques and talk to the patient about his/her health situation in an atmosphere of trust throughout the physiotherapy;	P7U_U	P7S_UK P7S_UW
B.U11	inform the patient about the purpose, course and possible risks of the proposed diagnostic or physiotherapy activities and obtain his/her informed consent to those activities;	P7U_U	P7S_UW

B.U12	communicate with colleagues within the team, providing them with feedback and support.	P7U_U	P7S_UW
C. BASIC PHYSIOTHERAPY (general physiotherapy; motor education and motor teaching methodology; kinesiotherapy; manual therapy; physical medicine – physicotherapy; balneoclimatology, biological recovery; massage; special methods of physiotherapy – methods of postural re-education, nervous-muscular re-education, neuro-rehabilitation, neurodevelopmental therapy and manual therapy; adapted physical activity, sport of persons with disabilities; medical devices; preventive physiotherapy and health promotion)			
KNOWLEDGE **The graduate knows and understands:**			
C.W01	concepts of medical rehabilitation, physiotherapy and disability;	P7U_W	P7S_WG
C.W02	mechanisms for structural and functional disorders caused by a disease or an injury;	P7U_W	P7S_WG
C.W03	impact mechanisms and possible side effects of physiotherapy measures and treatments;	P7U_W	P7S_WG
C.W04	methods for assessing structural and functional disorders caused by a disease or an injury, diagnostic tools and methods for assessing the condition of the patient for physiotherapy, methods for assessing the structure and function of the patient's body and its activity in different conditions;	P7U_W	P7S_WG
C.W05	principles for the choice of therapeutic agents, forms and methods depending on the type of dysfunction, condition and age of the patient;	P7U_W	P7S_WG
C.W06	the theoretical and methodological fundamentals of the learning and teaching process for locomotor activities;	P7U_W	P7S_WG
C.W07	the theoretical, methodological and practical fundamentals for kinesis, manual therapy and massage and special physiotherapy methods;	P7U_W	P7S_WG
C.W08	indications and contraindications for exercises used in kinestherapy, manual therapy and massage, and special physiotherapy methods;	P7U_W	P7S_WG
C.W09	the theoretical, methodological and practical fundamentals of physicotherapy, balneoclimatology and biological renewal;	P7U_W	P7S_WG
C.W10	indications and contraindications for physicotherapy, balneoclimatology and biological recovery;	P7U_W	P7S_WG
C.W11	rules for the selection of different forms of adapted physical activity, sport, tourism and therapeutic recreation in the process of treating and maintaining the abilities of persons with special needs, including persons with disabilities;	P7U_W	P7S_WG
C.W12	legislation on the participation of persons with disabilities in sport of persons with disabilities, including paralympiads and special olimpiads, and organisations active in the field of physical activity of persons with disabilities;	P7U_W	P7S_WG
C.W13	disability-related training risks and limitations;	P7U_W	P7S_WG
C.W14	principles of operation of medical devices and rules for their use in the treatment of persons with different diseases and organ dysfunctions;	P7U_W	P7S_WG
C.W15	regulations concerning the list of medical devices laid down in provisions issued on the basis of Article 38 (4) of the Act of 12 May 2011 on the reimbursement of medicines, foodstuffs intended for particular nutritional uses and medical devices (Journal of Laws 2019, item 784, as amended);	P7U_W	P7S_WG
C.W16	indications and contraindications for the use of medical devices;	P7U_W	P7S_WG
C.W17	health promotion and physiological prevention issues.	P7U_W	P7S_WG
SKILLS **The graduate will be able to:**			
C.U01	carry out a subjective examination, an objective examination and perform basic functional examinations and function tests appropriate to physiotherapy, including measurements of length and circumference of limbs, range of movable properties in joints and muscular force;	P7U_U	P7S_UW P7S_UO
C.U02	complete the patient's health records and the physiotherapy treatment programme;	P7U_U	P7S_UW
C.U03	select and conduct kinesytherapy aimed at shaping the individual motor skills of healthy people and people with various dysfunctions, as well as performing activity with a specific purpose, performing walking re-education and posture education and re-education, and re-education of upper limb functions;	P7U_U	P7S_UW
C.U04	instruct the patient to exercise at home, on how to use medical devices and everyday objects for therapeutic purposes, instruct the care taker in caring for	P7U_U	P7S_UW

	a person with special needs and for the child, in order to stimulate proper development;		
C.U05	develop medical training, including a variety of exercises, adapt individual exercises to the needs of those taking exercise, select appropriate instruments and devices for exercise and grade the difficulty of exercises;	P7U_U	P7S_UW
C.U06	select individual exercises for persons with different functional disorders and capabilities, and methodically teach them to extend the level of hardship and physical effort;	P7U_U	P7S_UW
C.U07	demonstrate the operational skills necessary to demonstrate and ensure safety during various exercises;	P7U_U	P7S_UW
C.U08	plan, select and perform treatments for kinesis, manual therapy and massage, and special physiotherapy methods;	P7U_U	P7S_UW
C.U09	operate and use kinesis, physicotherapy, massage and manual therapy devices and special physiotherapy methods;	P7U_U	P7S_UW
C.U10	demonstrate advanced manual skills to apply an appropriate technique in kinestherapy, massage and manual therapy and special physiotherapy methods;	P7U_U	P7S_UW
C.U11	plan, select and perform physicotherapy, balneoclimatology and biological recovery;	P7U_U	P7S_UW
C.U12	operate apparatus for physicotherapy, balneoclimatology and biological renewal procedures;	P7U_U	P7S_UW
C.U13	instruct persons with special needs, including persons with disabilities, on various forms of adapted physical activity, sport, tourism and therapeutic recreation;	P7U_U	P7S_UW
C.U14	instruct persons with disabilities on self-service and locomotion, including independent mobility and overcoming road obstacles on an active wheelchair;	P7U_U	P7S_UW
C.U15	carry out courses in selected sports for persons with disabilities, including demonstration of elements of technology and tactics in selected sports for persons with disabilities;	P7U_U	P7S_UW
C.U16	select medical devices depending on the type of dysfunction and the patient's needs at each stage of physiotherapy and instruct the patient on how to use them;	P7U_U	P7S_UW
C.U17	take measures to promote a healthy lifestyle at different levels and design a preventive programme according to the age, gender, state of health and living conditions of the patient, with a particular focus on physical activity.	P7U_U	P7S_UW
D. CLINICAL PHYSIOTHERAPY (clinical fundamentals of physiotherapy in: orthopaedics and traumatology, sports medicine, rheumatology, neurology and neurosurgery, paediatrics, paediatric neurology, cardiology and cardiac surgery, pulmonology, surgery, gynaecology and obstetrics, geriatrics, psychiatry, intensive care, oncology and palliative medicine; clinical physiotherapy in dysfunctions of the locomotor system in: orthopaedics and traumatology, sport medicine, rheumatology, neurology and neurosurgery, developmental age; physiotherapy in internal diseases in: cardiology and cardiac surgery, pulmonology, surgery, gynaecology and obstetrics, paediatrics, geriatrics, psychiatry, oncology and palliative medicine; functional diagnostics in: dysfunctions of the locomotor system, internal diseases, developmental age; physiotherapy planning in: dysfunctions of the locomotor system, developmental age, internal diseases)			
KNOWLEDGE **The graduate knows and understands:**			
D.W01	etiology, pathomechanism, symptoms and the course of dysfunction of a motor organ with regard to: orthopaedics, traumatology and sports medicine, rheumatology, neurology and neurosurgery, and paediatric and paediatric neurology, to the extent that physiotherapy can reasonably be used;	P7U_W	P7S_WG
D.W02	the principles of diagnosis and the general principles and treatments for the most important dysfunctions of the movement with regard to: orthopaedics, traumatology and sports medicine, rheumatology, neurology and neurosurgery, and paediatric and paediatric neurology, to the extent that physiotherapy can be used;	P7U_W	P7S_WG
D.W03	etiology, pathomechanism, symptoms and the course of the most common diseases in: cardiology and cardiac surgery, pulmonology, surgery, gynaecology and obstetrics, geriatrics, psychiatry, intensive care, oncology and palliative medicine, to the extent that physiotherapy can reasonably be used;	P7U_W	P7S_WG
D.W04	principles of diagnosis and general principles and treatments for the most common diseases as regards: cardiology and cardiac surgery, pulmonology, surgery, gynaecology and obstetrics, geriatrics, psychiatry, intensive care,	P7U_W	P7S_WG

	oncology and palliative medicine, to the extent that physiotherapy can reasonably be used;		
D.W05	rules of dealing with the patient who is unconscious, after multi-site and multi-organised injury, with damage to the vertebral column and spinal cord, the upper limb and the lower limb, as regards the safe use of physiotherapy methods;	P7U_W	P7S_WG
D.W06	general principles of subjective and objective cardiological, neurological, orthopaedic and geriatric examinations;	P7U_W	P7S_WG
D.W07	rules for the interpretation of results of additional examinations in cardiovascular disease diagnosis and cardiological physiotherapy, including: electrocardiographic (ECG) and ultrasound tests, ECE functional tests, clinical evaluation of a patient's state of health with cardiological disease at different scales, for the safe use of physiotherapy methods;	P7U_W	P7S_WG
D.W08	results of exercise tests in cardiological and pulmonary physiotherapy (bicycle ergomethr test, mobile treadmill, march tests, spiroergometric test), NYHA heart failure scale (New York Heart Association) and MET metabolic equivalent values;	P7U_W	P7S_WG
D.W09	general principles of subjective and objective pulmonary examination for physiotherapy, more important additional and ancillary examinations and functional tests, useful for the qualification and monitoring of respiratory physiotherapy;	P7U_W	P7S_WG
D.W10	eligibility rules for surgical procedures and basic surgical treatments, including vascular amputations, and minimally invasive surgery;	P7U_W	P7S_WG
D.W11	clinical investigation and diagnostic methods for applied research in gynaecology and obstetrics;	P7U_W	P7S_WG
D.W12	the physiology of the ageing process and the principles of geriatric care and physiotherapy;	P7U_W	P7S_WG
D.W13	the risks associated with the hospitalization of elderly people;	P7U_W	P7S_WG
D.W14	the specificity of the patient's handling of mental illness and the principles of proper approach to it;	P7U_W	P7S_WG
D.W15	rules of dealing with the patient who is unconscious, during acute circulatory failure, during acute respiratory failure, in shock, with diagnosed sepsis, mechanically ventilated, after cranial and cerebral injury and body multiple injuries;	P7U_W	P7S_WG
D.W16	assumptions and principles of the International Classification of Functioning Disability and Health (IFC).	P7U_W	P7S_WG
SKILLS The graduate will be able to:			
D.U01	perform a detailed physiotherapy examination and functional tests of the motor system, and record and interpret the results;	P7U_U	P7S_UW
D.U02	perform a biomechanical analysis of simple and complex human movements under normal conditions and dysfunctions of the motor system;	P7U_U	P7S_UW
D.U03	evaluate the state of the human movement system under static and dynamic conditions (general, sectional, local), analyse the gait and interpret the results obtained;	P7U_U	P7S_UW
D.U04	select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments in people after trauma in soft tissues of the circulation system treated conservatively and surgically, after intra-community injuries (blasting, twisting, folding and fractures) treated conservatively and surgically, after post-contaminated spinal injuries and in the case of stable and unstable spinal fractures;	P7U_U	P7S_UW
D.U05	select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments for planned amputation (pre- and post-operative) and trauma, follow prosthetic walking and handling of upper limb amputations, including instruction on the use of prosthesis;	P7U_U	P7S_UW
D.U06	select, depending on the clinical and functional condition of the patient, and conduct pre- and post-operative physiotherapy treatments in people after reconstructed orthopaedic procedures, including arthroscopic and endoprotezoplastics;	P7U_U	P7S_UW

D.U07	instruct patients or their care takers on how to carry out exercise and medical training at home, how to use medical devices and everyday objects for therapeutic purposes;	P7U_U	P7S_UW
D.U08	perform functional tests useful for rheumatology, such as assessing the degree of joint damage and deformation, the function of the hand and the locomotion of patients with rheumatological diseases;	P7U_U	P7S_UW
D.U09	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments in patients with rheumatological diseases, muscle trailer diseases, degenerative-production changes of joints and restrictions of movement or rheumatic non-statutory pain syndromes;	P7U_U	P7S_UW
D.U10	carry out the verticalisation and learning of patients with rheumatological diseases, as well as the improvement of the functional hands in rheumatoid disease;	P7U_U	P7S_UW
D.U11	instruct patients with rheumatological diseases on how to exercise at home, how to use medical devices, including those improving their grasping function;	P7U_U	P7S_UW
D.U12	perform neurological examinations for physiotherapy and functional tests useful for neurological physiotherapy, including muscular tension assessment, clinical evaluation of spasticity and assessment at body function and activity level, in particular by means of clinical scales, and interpret more important additional examinations (imaging and electrophysiological);	P7U_U	P7S_UW
D.U13	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy interventions in people with signs of brain, cerebral, and endo-born damage, with a particular focus on stroke, parkinsonism, demielinising diseases, and physiotherapy treatments in people who have broken the spinal column with exposure, and conduct treatments aimed at mitigating trophic and exile disorders, verticalisation and instruction on how to walk or use a wheelchair for persons after spinal injury;	P7U_U	P7S_UW
D.U14	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments in people after lesions of peripheral nerves, in polineuropatias, in neuromuscular diseases, in primary muscular diseases and in various pain syndromes;	P7U_U	P7S_UW
D.U15	place the patient in a bed and perform bed kinetherapy in patients with nervous system damage, exercise verticalisation and walking science, and conduct upper limb motion re-education in people after brain strokes;	P7U_U	P7S_UW
D.U16	instruct patients with neurological diseases on how to exercise at home, how to use medical devices and everyday objects for therapeutic purposes;	P7U_U	P7S_UW
D.U17	interview and gather basic information on the development and state of health of the child;	P7U_U	P7S_UW
D.U18	assess the psychomotor development of the child;	P7U_U	P7S_UW
D.U19	assess the spontaneous activity of the newborn and infant;	P7U_U	P7S_UW
D.U20	assess the child's level of functional skills in motors and communication based on appropriate scales;	P7U_U	P7S_UW
D.U21	clinically assess the increased or reduced muscle tension in the child, including spasticity and stiffness;	P7U_U	P7S_UW
D.U22	perform a clinical assessment of body posture, including the Bunnell scootoometer, and a point and biostereometric assessment of body posture, and interpret the results of these assessments;	P7U_U	P7S_UW
D.U23	on the basis of a x-ray image of the spine, determine the Cobba angle, the rotation angle according to one of the methods of assessment used, assess the bone age on the basis of the Risser test and interpret the results and, on that basis, classify scoliosis for appropriate physiotherapy;	P7U_U	P7S_UW
D.U24	plan, select, depending on the clinical and functional condition of the patient, and conduct physiotherapy treatment in children and adolescents with motor system diseases such as: congenital defects, posture defects, sterile bone necropsy;	P7U_U	P7S_UW
D.U25	plan, select, depending on the clinical and functional condition of the patient, and conduct pre- and post-operative procedures in operationally treated children;	P7U_U	P7S_UW
D.U26	plan, select, depending on the clinical and functional condition of the patient, and conduct physiotherapy treatment in children and adolescents with central	P7U_U	P7S_UW

	mobility disorders, cerebral childhood infestation, core dysrafism, neuromuscular diseases, perinatal lesions of splots and peripheral nerves, neuro- and miogenic muscle defects (atrophys and muscular dystrophys);		
D.U27	instruct child caregivers and children and their care takers on how to carry out exercise at home, how to use medical devices and everyday objects for therapeutic purposes;	P7U_U	P7S_UW
D.U28	perform basic safety measurements and tests, including rough measurement, blood pressure measurement, march test, condition and go test, the Bruce mobile tread operation test and the modified Naughton protocol, and a cycloergom test;	P7U_U	P7S_UW
D.U29	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy interventions in patients with heart failure, hypertension, ischaemic heart disease, heart failure, cardiac rhythm disorders and acquired heart defects;	P7U_U	P7S_UW
D.U30	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments in patients qualified for cardiac surgery, after cardiac surgery, with implanted heart stimulator and after treatment with interventional cardiology;	P7U_U	P7S_UW
D.U31	instruct the patient on how to perform breathing exercises and relaxation techniques in cardiological physiotherapy;	P7U_U	P7S_UW
D.U32	instruct a patient with cardiovascular diseases to perform home-based exercise and physical activity as a secondary prevention;	P7U_U	P7S_UW
D.U33	perform respiratory functional tests, including spirometry, and interpret the results of the spirometric, exercise and gasometric tests;	P7U_U	P7S_UW
D.U34	plan, select, depending on the clinical and functional condition of the patient, and exercise in various respiratory conditions (acute and chronic), in predominantly restrictive conditions and in predominantly obstructive conditions;	P7U_U	P7S_UW
D.U35	perform respiratory physiotherapy treatments in various pulmonological diseases, thoracic injuries, post-chest surgery and pulmonary transplants;	P7U_U	P7S_UW
D.U36	instruct the patient with respiratory disease on how to exercise at home and to apply secondary prevention measures;	P7U_U	P7S_UW
D.U37	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments in patients with functional and organic peripheral disorders and in patients after amputation for vascular reasons;	P7U_U	P7S_UW
D.U38	implement an early activation strategy after abdominal or thoracic surgery, develop lung physiotherapy and facilitate bronchial purification, instruct early and late post-operative complications and provide recommendations for post-operative outpatient physiotherapy;	P7U_U	P7S_UW
D.U39	apply the International Classification of Functioning, Disability and Health (ICF);	P7U_U	P7S_UW
D.U40	plan, select and perform postnatal physiotherapy treatments designed to eliminate adverse symptoms, in particular from cardiovascular, bone-joint and muscular systems;	P7U_U	P7S_UW
D.U41	instruct pregnant women on how to carry out pre-natal and post-natal exercises;	P7U_U	P7S_UW
D.U42	perform physiotherapy treatments for people with incontinence and instruct them on how to exercise at home;	P7U_U	P7S_UW
D.U43	plan and select cardiovascular respiratory exercises for children and adolescents, depending on the clinical and functional condition of the patient, and instruct child and adolescent care takers on how to perform these exercises;	P7U_U	P7S_UW
D.U44	carry out an overall geriatric evaluation and interpret its results;	P7U_U	P7S_UW
D.U45	select and perform geriatric physiotherapy treatments and instruct elderly people to exercise at home and use various forms of recreation;	P7U_U	P7S_UW
D.U46	plan, select, depending on the clinical and functional condition of the patient, and perform physiotherapy treatments for women after mastectomy, including handling of lymphatic oedema and impairment of upper limb function;	P7U_U	P7S_UW

D.U47	apply the principles of good communication with the patient and communicate with other members of the therapeutic team;	P7U_U	P7S_UW
D.U48	take measures to improve the quality of life of the patient, including the terminal patient, using rehabilitation equipment;	P7U_U	P7S_UW
D.U49	plan, select and modify rehabilitation programmes for patients with different mobility dysfunctions and internal diseases depending on the clinical, functional and mental (cognitive-emotional) condition of the patient, his/her needs and the needs of actual care takers.	P7U_U	P7S_UW
E. RESEARCH METHODOLOGY			
KNOWLEDGE The graduate knows and understands:			
E.W01	research methods and techniques used in the framework of the scientific research carried out	P7U_W	P7S_WG
SKILLS The graduate will be able to:			
E.U01	plan the scientific research and discuss its purpose and expected results;	P7U_U	P7S_UW P7S_UU
E.U02	interpret the scientific research and refer it to the knowledge acquired;	P7U_U	P7S_UW P7S_UU
E.U03	use specialised national and foreign scientific literature;	P7U_U	P7S_UW P7S_UU
E.U04	carry out a scientific research, interpret and document its results;	P7U_U	P7S_UW P7S_UU
E.U05	present the results of the scientific research.	P7U_U	P7S_UW P7S_UU
F. PHYSIOTHERAPY STUDENT WORK PLACEMENT (assistant internship; kinesiotherapy student work placement, student work placement in physicotherapy and massage; student work placement in clinical physiotherapy of children and adults, including the elderly; student work placement)			
KNOWLEDGE The graduate knows and understands:			
F.W01	physical phenomena occurring in the human body under the influence of external factors;	P7U_W	P7S_WG
F.W02	the theoretical, methodological and practical fundamentals of kinesis and manual therapy, special physiotherapy, ergonomics and physicotherapy and medical massage;	P7U_W	P7S_WG
F.W03	methods for assessing the state of the human motor system to explain the structural and functional disorders of that system and the need for physiotherapy in motor system dysfunctions and internal diseases;	P7U_W	P7S_WG
F.W04	methods for assessing structural and functional disorders caused by a disease or an injury and basic human responses to a disease and pain to the extent necessary for physiotherapy;	P7U_W	P7S_WG
F.W05	methods for describing and interpreting essential disease units and syndromes to the extent that physiotherapy and physiotherapy planning are reasonable;	P7U_W	P7S_WG
F.W06	the fundamentals of health education, health promotion and prevention, taking into account disability;	P7U_W	P7S_WG
F.W07	rules for selecting different forms of adapted physical activity and sports disciplines of persons with disabilities in the comprehensive rehabilitation and maintenance of the ability of persons with special needs;	P7U_W	P7S_WG
F.W08	operating rules for medical devices used in rehabilitation;	P7U_W	P7S_WG
F.W09	ethical rules at work with the patient;	P7U_W	P7S_WG
F.W10	evidence-based physiotherapy (evidence based medicine/physiotherapy);	P7U_W	P7S_WG
F.W11	physiotherapy standards;	P7U_W	P7S_WG
F.W12	the role of a physiotherapist and other specialists in the therapeutic team in the process of comprehensive rehabilitation;	P7U_W	P7S_WG
F.W13	the legal, ethical and methodological aspects of the conduct of clinical trials and the role of a physiotherapist in their conduct;	P7U_W	P7S_WG
F.W14	the principles of health promotion, its tasks and the role of a physiotherapist in promoting a healthy lifestyle;	P7U_W	P7S_WG
F.W15	basic issues of psychosomatic dependencies and body-awareness methods;	P7U_W	P7S_WG

F.W16	the tasks of the various physiotherapists' self-regulatory bodies and the rights and obligations of their members;	P7U_W	P7S_WG
F.W17	the rules of professional ethics of a physiotherapist;	P7U_W	P7S_WG
F.W18	rules on the professional liability of a physiotherapist.	P7U_W	P7S_WG
SKILLS The graduate will be able to:			
F.U01	carry out examinations and interpret their results, and perform the functional tests necessary for physiotherapy selection, treatment and basic therapeutic methods;	P7U_U	P7S_UW P7S_UU
F.U02	perform treatments for kinesis, manual therapy, physicotherapy and therapeutic massage on their own;	P7U_U	P7S_UW
F.U03	develop, verify and modify programmes for the improvement of persons with various dysfunctions in the motor system and other organs and systems, according to their clinical and functional condition, and the objectives of comprehensive rehabilitation;	P7U_U	P7S_UW
F.U04	demonstrate specialised mobility skills in selected forms of physical activity;	P7U_U	P7S_UW
F.U05	select medical devices according to the type of dysfunction and the patient's needs at each stage of rehabilitation;	P7U_U	P7S_UW
F.U06	use medical devices and instruct the patient on how to use them;	P7U_U	P7S_UW
F.U07	use and operate apparatus, physiotherapy and functional testing equipment and prepare a place of work;	P7U_U	P7S_UW
F.U08	work in an interdisciplinary team ensuring continuity of patient care and communicate with other team members, the patient and his/her family;	P7U_U	P7S_UW
F.U09	enter the data and information obtained and a description of the effects of the treatments and therapeutic activities in the patient's records;	P7U_U	P7S_UW
F.U10	initiate, organise and implement actions aimed at health education, health promotion and disability prevention;	P7U_U	P7S_UW
F.U11	define the scope of his/her professional competence and cooperate with other medical professions;	P7U_U	P7S_UW
F.U12	carry out the tasks assigned to it and properly organise and take responsibility for their own work;	P7U_U	P7S_UW
F.U13	work in a team and take responsibility for participating in decision-making;	P7U_U	P7S_UW
F.U14	actively participate in the work of the therapeutic team;	P7U_U	P7S_UW
F.U15	actively participate in discussions on professional issues, taking into account ethical principles;	P7U_U	P7S_UW
F.U16	comply with the principles of professional conduct, including the rules of professional ethics of a physiotherapist;	P7U_U	P7S_UW
F.U17	respect patients' rights;	P7U_U	P7S_UW
F.U18	establish a relationship with the patient and colleagues based on mutual trust and respect.	P7U_U	P7S_UW

2.3	**Method of verification and assessment of the learning outcomes**	In the field of study of Physiotherapy, long-cycle Master's degree programme, the following methods are used to verify the learning outcomes: written exams (e.g. tests) and oral exams; written and oral credits; case studies, project implementation, development of reports and presentation of their results (on selected majors), as well as discussions based on the literature and the master's degree examination. The verification covers all categories of areas (knowledge, skills and social competences) and the learning outcomes are the basis for determining the scope of the learning content and their place in education modules. Within the framework of different modules, the verification of the learning outcomes takes place at two levels: through a formative assessment, which is carried out throughout the semester and serves both the student and the lecturer to assess the progress of learning and the validation of the learning methods, and a summative assessment conducted at the end of the semester needed to evaluate whether and to what extent the student has achieved the assumed learning outcomes. The adequacy of the learning outcomes for the Physiotherapy field of study is assessed not only by the students (in the form of an assessment questionnaire) but also by the academic

		staff responsible for conducting particular modules, and employers engaged in the activities of the Faculty Committee for Study Programmes and Teaching Quality Assurance. The assessment of verification of the learning outcomes made in the course of 'Graduate Tracer Studies' is used for the same purpose as well. The WSEI University of Lublin has developed tools to validate the assumed learning outcomes. They are supported by measures for the achievement of the students' learning outcomes, divided into two groups: A. quantitative measures; B. qualitative measures. Therefore, the verification of the assumed learning outcomes for the Management field of study takes place at two main levels: the module level and the programme level, respectively. In the former, the degree of the achievement of the module learning effects is assessed, whereas in the latter, the learning outcomes defined for the Physiotherapy field of study, long-cycle Master's degree programme, are evaluated.
2.4	**Analysis of the correlation of the assumed learning outcomes with the needs of the labour market and the results obtained from the assessment analysis**	The learning outcomes for the Physiotherapy field of study fully meet the expectations of a wide group of employers in the medical sector, i.e. public and non-public health care institutions, health resorts, rehabilitation centres, hospices, nursing homes, private physiotherapy units, fitness clubs, and help the graduates learn the basics of running a business activity. The analysis of the correlation of the assumed learning outcomes with the needs of the labour market is conducted jointly by the academic staff, the students, the graduates and employers. The results obtained from the assessment analysis give way to a constant improvement of the study programme.

3. LIST OF COURSES OR GROUPS OF COURSES, DETAILED STUDY PLAN

3.1 Classes or groups of classes including the number of ECTS credits assigned

Class code at full-time studies	List of courses for PHYSIOTHERAPY Long-cycle Master's Degree Programme	Form of obtaining credit	ECTS
A: Biomedical fundamentals of physiotherapy			**25**
N-2-S-PHYZ-A-1	Anatomy: correct, functional, palpation and imaging	EXAM	8
N-2-S-PHYZ-A-2	Biomedical sciences: Medical biology, Genetics, Biochemistry	GRADED CREDIT	4
N-2-S-PHYZ-A-3	Physiology: general physiology, exercise physiology, pain physiology, physiological diagnosis	EXAM	4
N-2-S-PHYZ-A-4	Pharmacology in physiotherapy	GRADED CREDIT	1
N-2-S-PHYZ-A-5	Biophysics	GRADED CREDIT	2
N-2-S-PHYZ-A-6	Biomechanics: Applied biomechanics with elements of ergonomics, clinical biomechanics	GRADED CREDIT	3
N-2-S-PHYZ-A-7	General pathology	GRADED CREDIT	2
N-2-S-PHYZ-A-8	First aid	GRADED CREDIT	1
B: General science			**18**

		N-2-S-PHYZ-B-9	General Module: OHS, Fundamentals of Law (Intellectual Property Law, Medical Law, Civil Law, Labour Law), Library, IT Technology	GRADED CREDIT	2	
		N-2-S-FIZ-B-10a,b	Foreign language (English, Russian)	EXAM	8	
		N-2-S-PHYZ-B-11	Social and Humanistic Module: General sociology and sociology of disability, General Psychology, General and Special Pedagogy, Philosophy and Bioethics	GRADED CREDIT	3	
		N-2-S-PHYZ-B-12	Physical education	CREDIT	0	
		N-2-S-PHYZ-B-13	History of physiotherapy	CREDIT	1	
		N-2-S-PHYZ-B-14	Physiotherapy education	CREDIT	1	
		N-2-S-PHYZ-B-15	Health education: Public health, demography and epidemiology	GRADED CREDIT	1	
		N-2-S-PHYZ-B-16	Advanced social and humanistic module: Clinical psychology and psychotherapy, Clinical communication	GRADED CREDIT	1	
		N-2-S-PHYZ-B-17	Economics and health systems, Management and marketing – (in English and Russian)	GRADED CREDIT	1	
		C: Fundamentals of physiotherapy			**45**	
		N-2-S-PHYZ-C-18	General physiotherapy	EXAM	3	
		N-2-S-PHYZ-C-19	Motor learning and methodology of motor teaching	GRADED CREDIT	2	
		N-2-S-PHYZ-C-20	Kinesiotherapy	EXAM	8	
		N-2-S-PHYZ-C-21	Manual therapy	GRADED CREDIT	6	
		N-2-S-PHYZ-C-22	Physical medicine: Physiological medicine – physiotherapy, balneoclimatology and biological recovery	EXAM	7	
		N-2-S-PHYZ-C-23	Massage	CREDIT	4	
		N-2-S-PHYZ-C-24	Adapted physical activity	GRADED CREDIT	2	
		N-2-S-PHYZ-C-25	Sport for people with disabilities	GRADED CREDIT	1	
		N-2-S-PHYZ-C-26	Medical devices and orthopaedic supplies	GRADED CREDIT	2	
		N-2-S-PHYZ-C-27	Preventive physiotherapy and health promotion	CREDIT	1	
		N-2-S-PHYZ-C-28	Special methods in physiotherapy: postural re-education, nervous re-education, neurorehabilitation, neurodevelopmental therapy	EXAM	9	
		D: Clinical physiotherapy			**99**	
		N-2-S-PHYZ-D-29	Diagnostics in physiotherapy I: Functional diagnostics in locomotor system dysfunctions,	EXAM	5	
		N-2-S-PHYZ-D-30	Diagnostics in physiotherapy II: Functional diagnosis in internal diseases, functional diagnosis at developmental age	EXAM	6	
		N-2-S-PHYZ-D-31	Physiotherapy planning: Physiotherapy planning in locomotor system dysfunctions, physiotherapy planning in internal diseases, physiotherapy planning at developmental age	EXAM	11	
		N-2-S-PHYZ-D-32	Orthopaedic and traumatology physiotherapy: Clinical fundamentals of orthopaedic and traumatology physiotherapy, clinical physiotherapy in orthopaedic and traumatology locomotor system dysfunctions	EXAM	10	
		N-2-S-PHYZ-D-33	Physiotherapy in sport medicine: Clinical fundamentals of physiotherapy in sport medicine,	EXAM	6	

			clinical physiotherapy in sport medicine dysfunctions			
		N-2-S-PHYZ-D-34	Physiotherapy in rheumatology: Clinical fundamentals of physiotherapy in rheumatology, clinical physiotherapy in the locomotor system dysfunctions in rheumatology	GRADED CREDIT	6	
		N-2-S-PHYZ-D-35	Physiotherapy in cardiology and cardiac surgery: Clinical fundamentals of physiotherapy in cardiology and cardiac surgery, physiotherapy in internal diseases in cardiology and cardiac surgery	EXAM	6	
		N-2-S-PHYZ-D-36	Physiotherapy in pulmonology: Clinical fundamentals of physiotherapy in pulmonology, Physiotherapy in internal diseases in pulmonology	GRADED CREDIT	4	
		N-2-S-PHYZ-D-37	Physiotherapy in neurological and neurosurgery: Clinical fundamentals of physiotherapy in neurology and neurosurgery, clinical physiotherapy in neurological and neurosurgery locomotor system dysfunctions	EXAM	6	
		N-2-S-PHYZ-D-38	Paediatric physiotherapy and paediatric neurology: Clinical fundamentals of paediatric physiotherapy, Clinical fundamentals of physiotherapy in paediatric neurology, Physiotherapy in paediatric internal diseases, Clinical Physiotherapy in dysfunctions of the locomotor system at developmental age	EXAM	9	
		N-2-S-PHYZ-D-39	Physiotherapy in geriatrics: Clinical fundamentals of physiotherapy in geriatrics, physiotherapy in internal diseases in geriatrics	EXAM	7	
		N-2-S-PHYZ-D-40	Physiotherapy in intensive care, oncology and palliative medicine: Clinical fundamentals of intensive care physiotherapy, Clinical fundamentals of physiotherapy in oncology and palliative medicine, Physiotherapy in internal diseases in oncology and palliative medicine	GRADED CREDIT	7	
		N-2-S-PHYZ-D-41	Psychiatric physiotherapy: Clinical fundamentals of physiotherapy in psychiatry, Physiotherapy in internal diseases in psychiatry	GRADED CREDIT	4	
		N-2-S-PHYZ-D-42	Surgery physiotherapy: Clinical fundamentals of physiotherapy in surgery, Physiotherapy in internal diseases in surgery	EXAM	7	
		N-2-S-PHYZ-D-43	Obstetrics and gynaecology physiotherapy: Clinical fundamentals of physiotherapy in gynaecology and obstetrics, physiotherapy in internal diseases in gynaecology and obstetrics	GRADED CREDIT	5	
		E: Research methodology			**25**	
		N-2-S-PHYZ-E-44	Research methodology	GRADED CREDIT	2	
		N-2-S-PHYZ-E-45	Fundamentals of statistics in research	GRADED CREDIT	1	
		N-2-S-PHYZ-E-46	Seminar and the Master Thesis Examination	EXAM	22	
		F: Physiotherapy student work placements			**58**	
		N-2-S-PHYZ-F-47	Assistant internship	CREDIT	5	
		N-2-S-PHYZ-F-48	Holiday kinesiotherapy student work placement	CREDIT	11	
		N-2-S-PHYZ-F-49	Student work placement in clinical physiotherapy, physicotherapy and massage (during the semester)	CREDIT	4	
		N-2-S-PHYZ-F-50	Holiday profile student work placement – student-selected	CREDIT	7	

		N-2-S-PHYZ-F-51	Student work placement in clinical physiotherapy, physicotherapy and massage (during the semester)	CREDIT	4
		N-2-S-PHYZ-F-52	Holiday profile student work placement – student-selected	CREDIT	7
		N-2-S-FIZ-F-53	Student work placement in clinical physiotherapy, physicotherapy and massage – six-month placement	CREDIT	20
		N-2-S-PHYZ-F-47	Assistant internship	CREDIT	7
		N-2-S-PHYZ-F-48	Holiday kinesiotherapy student work placement	CREDIT	4
		G: University's proprietary offer			**12**
		N-2-S-PHYZ-G-54	Kinesiology	GRADED CREDIT	2
		N-2-S-PHYZ-G-55	Techniques of intellectual work	CREDIT	1
		N-2-S-PHYZ-G-56	Strategies and methods to deal with stress in a physiotherapist's work	CREDIT	1
		N-2-S-PHYZ-G-57	Ergonomics and OSH in a physiotherapist's physiotherapy	GRADED CREDIT	2
		N-2-S-PHYZ-G-58	ECG interpretation course used in physiotherapy	CREDIT	1
		N-2-S-PHYZ-G-59	Documentation of the physiotherapy process	CREDIT	1
		N-2-S-PHYZ-G-60	Elements of occupational therapy	CREDIT	1
		N-2-S-PHYZ-G-61	Sign language	CREDIT	2
		N-2-S-PHYZ-G-62	ICF classification (in English and Russian)	CREDIT	1
		G1. University's proprietary offer-Physiotherapy in Sport			**12**
		N-2-S-PHYZ-G1-63	Dietetics and supplementation in sport	CREDIT	3
		N-2-S-PHYZ-G1-64	Personal training	CREDIT	3
		N-2-S-PHYZ-G1-65	Rollout course with elements of soft tissue therapy	CREDIT	3
		N-2-S-PHYZ-G1-66	Therapeutic activity in the water environment	CREDIT	3
		N-2-S-PHYZ-G1-67	Kinesiotaping	CREDIT	3
		N-2-S-PHYZ-G1-68	Psychology in sport	CREDIT	3
		G2. University's proprietary offer-Physiotherapy in geriatric care			**12**
		N-2-S-PHYZ-G2-63	Training program for seniors	CREDIT	3
		N-2-S-PHYZ-G2-64	Rehabilitation of cognitive processes using IT systems	CREDIT	3
		N-2-S-PHYZ-G2-65	Rehabilitation the elderly in the home environment	CREDIT	3
		N-2-S-PHYZ-G2-66	Dietary treatment of elderly people	CREDIT	3
		N-2-S-PHYZ-G2-67	Therapeutic activity in the water environment	CREDIT	3
		N-2-S-PHYZ-G2-68	Gerontology	CREDIT	3
		TOTAL NUMBER OF ECTS CREDITS			**300**

3.2	**Detailed study plan**	The detailed programme of study and the study plan are available in a paper version at the Dean's Office of the Faculty of Administration and Social Sciences, and after logging into the WSEI e-learning platform.

4. DURATION, PROCEDURE AND FORM OF STUDENT WORK PLACEMENTS, THE NUMBER OF ECTS CREDITS FOR A PRACTICAL PROFILE OF THE STUDY PROGRAMME

A total of 58 ECTS are assigned to student work placements carried out over 7 semesters during the course of study. The distribution of ECTS credits is as follows:

- III Semestr – 5 ECTS *Assistant Internship*
- IV Semestr – 11 ECTS *Holiday kinesiotherapy student work placement*
- V Semestr – 4 ECTS *Student work placement in clinical physiotherapy, physicotherapy and massage*
- VI Semestr – 7 ECTS *Holiday profile student work placement – student-selected*
- VII Semestr – 4 ECTS *Student work placement in clinical physiotherapy, physicotherapy and massage*
- VIII Semestr – 7 ECTS *Holiday profile student work placement – student-selected*
- X Semestr – 20 ECTS *Student work placement in clinical physiotherapy, physicotherapy and massage – Semester placement*

Within the university framework, the students can undergo placements in some possible ways, i.e.:

1. **A placement is held in an entity selected by the student and is arranged by the student himself/herself;**
2. **A placement organized by the University.**

5. STUDENT-SELECTED MODULES INCORPORATED INTO THE STUDY PROGRAMME

Student-selected modules include:

- Foreign language courses with elements of specialized language– 8 ECTS credits;
- Methodology of the student's own research – 25 ECTS;
- ICF classification (in a foreign language) – 1 ECTS;
- Economics and health systems, Management and marketing (in a foreign language) - 1 ECTS
- University's proprietary offer (Major: Physiotherapy in Sport; Physiotherapy in geriatric care) – 18 ECTS;
- Holiday profile student work placement – student-selected - ECTS 14

On the whole, they provide 66 ECTS credits, which constitutes about 22% of the overall ECTS credits assigned to both full-time and part-time studies.

6. NUMBER OF ECTS CREDITS OBTAINED FROM DEVELOPING PRACTICAL SKILLS IN THE PROGRAMME OF STUDY, PRACTICAL PROFILE

The study programme for Physiotherapy, a long-cycle master's degree programme, includes 8 groups of thematic classes, including preparation for the practical exercise of the profession. The student receives a total of 219 ECTS credits, which constitutes 73 % of the total number of ECTS credits. A list of these groups of classes can be found in the table below:

Group of classes	List of practical classes developing practical skills	ECTS
	COURSES	
A.	Biomedical fundamentals of physiotherapy	11
B.	General science	12
C.	Fundamentals of physiotherapy	28
D.	Clinical physiotherapy	63
E.	Scientific research methodology	25
F.	Physiotherapy student work placements	58
G.	University's proprietary offer	10
G1.	University's proprietary offer – Physiotherapy in sport	12
G2.	University's proprietary offer – Pysiotherapy in geriatrics	12

TOTAL NUMBER OF ECTS CREDITS		**219**
7. DESCRIPTION OF CONDITIONS FOR CONDUCTING THE STUDIES		
7.1	**Method of organization and implementation of the education process**	Studies in the field of Physiotherapy, long-cycle Master's degree programme take 10 semesters and include, at full-time studies, a total of 3760 hours in direct contact and 3700 hours in part-time studies (and in both cases 1560 hours of student work placement). Each subject/module includes a large number of contact hours adapted to the intended learning outcomes. They are complemented by the students' independent work and physiotherapy practice. This enables the programme content to be fully covered and the learning outcomes to be achieved. Education is provided through various forms of learning activities that ensure that the intended learning outcomes can be achieved. Most activities are carried out using at least two different forms. The provision of in-depth knowledge to students is mainly done in the form of lectures, complemented by the students' individual work. Skills development and competence building are mainly carried out through practical activities, performed in the form of classes, clinical classes, laboratory classes, seminars and diagnostic and research consultations as well as credit-examination consultations and student work placements. For each course, an e-learning platform is also used to some extent, where distance learning meets the conditions laid down by the regulations.
7.2	**Conducting classes that develop the students' practical skills**	Classes developing the students' practical skills, that are incorporated into the study programme, are conducted: 1) in the proper conditions for a particular professional activity using the infrastructure of the medical bodies with which the University has established cooperation; 2) in the way that makes it possible for the students to perform practical tasks. In order to achieve the process, the following university laboratories are available: Laboratory of Biomechanics, Laboratory of Biochemistry, Laboratory of Anatomy, Laboratory of Massage, Laboratory of Kinesiotherapy, Laboratory of CSM Emergency Medicine, Laboratory of Exercise and Sport Diagnostics.
7.3	**Selected study programme indicators**	The study programme: • determines the total number of ECTS credits to be obtained by the student from courses with the direct participation of the academic staff or other trainers, i.e. 213 ECTS credits; • a long-cycle Master's degree programme provided in the form of full-time studies also specifies the number of physical education hours, i.e. 60 hours; physical education classes shall not be assigned ECTS credits; • defines the number of ECTS credits to be obtained through distance learning methods and techniques, not exceeding 25% of the number of ECTS credits.
7.4	**Systematic assessment and improvement of the study programmes**	The Physiotherapy study programme, long-cycle Master's degree programme, is systematically assessed by the academic staff, the students, the graduates and employers. The results obtained from the assessment analysis give way to a constant improvement of the study programme. The Faculty Committee for Study Programmes and Teaching Quality Assurance Programmes monitors the changes made to the programme, and ensures that they do not exceed 30% of the total number of the learning outcomes defined in the study programme. The changes to the study programme are introduced at the beginning of a new cycle of study, and the changes can only be made in the course of study. These may involve:

		- the changes in the selection of the educational content passed to the students during classes, including the most recent scientific achievements or those related to a professional activity; -the changes necessary to adjust the programme of study to the amendments to commonly applicable legal regulations.
8.	**LIBRARY RESOURCES**	The university is equipped with a modern computerised library which gives full access to books recommended for the Physiotherapy field of study as well as to electronic resources of knowledge, both in Poland and abroad.
9.	**IMPLEMENTATION OF CLASSES**	Full-time studies – classes are conducted from Monday to Friday, between 8a.m and 4p.m.; Part-time studies– classes are conducted every two weeks, on Saturdays and Sundays, from 8a.m. to 8p.m.