

FACULTY OF PHYSICAL EDUCATION AND SPORTS

SPORTS MEDICINE AND PHYSIOTHERAPY

DEPARTMENT COURSES LIST

✓ **Bachelor's Degree**

Duration: 3 years

No. of credit points: 180

Field: *Physiotherapy(Kinesiotherapy)*

Programme title: *Physiotherapy(Kinesiotherapy) and Special Motricity* (Craiova)

Physiotherapy(Kinesiotherapy) and Special Motricity (Centre of Drobeta-Turnu Severin)

✓ **Bachelor's Degree**

Field: *Physiotherapy(Kinesiotherapy)*

✓ **3rd year**

COURSE TITLE	PHYSIOTHERAPY IN ORTHOPEDIC AND TRAUMATIC DISEASES
CODE	D06KTC301
ECTS CREDITS	4
COURSE OBJECTIVE(S)	<p>Learning physiotherapy as a method of therapy in traumatic orthopedic conditions, for the purpose of functional rehabilitation.</p> <p>Knowledge of the clinical and functional aspects of traumatic orthopedic conditions.</p> <p>Indications and contraindications of the application of physiotherapy in traumatic orthopedic conditions.</p> <p>Knowledge of post-traumatic sequelae, functional assessment, establishing short-term and long-term recovery objectives.</p>

LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY IN GERIATRICS-GERONTOLOGY
CODE	D06KTC302
ECTS CREDITS	3
COURSE OBJECTIVE(S)	<p>Primary clinical (functional) assessment, diagnosis of physiotherapy intervention and implementation of physiotherapy intervention programs for recovery purposes.</p> <p>Mastering the theoretical concepts necessary for understanding neuro-physiological mechanisms and developing the ability to argue therapeutic conduct.</p> <p>Knowledge and application of the specific assessment of elderly patients.</p> <p>Training of practical skills necessary for the selection and application of specific means, techniques, procedures and methods for the recovery of elderly patients.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSICAL THERAPY FOR RESPIRATORY DISEASES
CODE	D06KTC303
ECTS CREDITS	4
COURSE OBJECTIVE(S)	<p>Acquire the theoretical and practical specialized knowledge necessary to perform effective kinetic interventions in the treatment of respiratory diseases.</p> <p>Develop the ability to perform an accurate clinical and functional assessment of patients with respiratory pathology, essential for establishing an adequate treatment plan.</p> <p>Apply physiotherapy management, with an emphasis on the use of specific treatment methods and means, adapted to the stage of evolution of the pathology, aiming at prevention, therapy and recovery.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSICAL THERAPY IN PEDIATRIE
CODE	D06KTC304
ECTS CREDITS	4

COURSE OBJECTIVE(S)	Evaluation, functional diagnosis and application of kinetic methods, knowledge of the fundamental aspects of the child's somatic and neuro-psycho-motor development, of the child's morphological and functional particularities at each stage of development, as well as deepening functional assessment methods.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	INTERNSHIP IN BALNEOTHERAPY UNITS - ORTHOPEDICS + PEDIATRICS
CODE	D06KTC305
ECTS CREDITS	4
COURSE OBJECTIVE(S)	Evaluation, functional diagnosis and application of kinetic methods, knowledge of the fundamental aspects of the child's neuropsychic development, of the morphological and functional particularities of the child at each stage of development as well as deepening of functional assessment methods. Acquisition of practical knowledge in order to develop an adequate physiotherapy program for recovery after orthopedic-traumatic conditions.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	SCIENTIFIC RESEARCH METHODS
CODE	D06KTC306
ECTS CREDITS	3
COURSE OBJECTIVE(S)	Mastering the methodological principles of scientific research in physiotherapy and applying scientific methodological knowledge for planning, writing and public defense of scientific papers/bachelor's theses/dissertations.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	ORTHOSIS - PROSTHETICS
CODE	D06KTC307
ECTS CREDITS	2
COURSE OBJECTIVE(S)	The Orthotics and Prosthetics discipline aims

	to develop the knowledge and skills necessary for the functional assessment of the patient and the application of orthotic and prosthetic devices, respecting professional standards and applicable legislation. It also develops communication, ethics and interdisciplinary collaboration skills to support the rehabilitation and increase the quality of life of patients.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	KINETOPROPHYLAXY
CODE	D06KTC308
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Designing specific kinetoprophylactic programs for different conditions.</p> <p>Training the physiotherapist specialist, able to master a system of knowledge regarding: the principles, methods and means of primary, secondary and tertiary prophylaxis in various conditions.</p> <p>Knowledge and application of the specific assessment of patients who benefit from kinetoprophylactic programs.</p> <p>Training the practical skills necessary for the selection and application of means and methods, procedures and methods specific to kinetoprophylaxis.</p> <p>Training the physiotherapist specialist able to develop and apply prophylactic and health-promoting activities for individuals of different age categories and various professional activities.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 3 - COMMUNICATION IN PHYSIOTHERAPY
CODE	D06KTC309
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Knowledge of general communication concepts in approaching patients accessing physiotherapy recovery programs.</p> <p>Explanation of deontological behavior and addressability within a physiotherapy program, for prophylactic, curative or</p>

	recovery purposes.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 3 - NEUROPHYSIOLOGY
CODE	D06KTC310
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Knowledge of general notions of neurophysiology of the nervous system, cybernetic schemes of neurotransmission and recognition of the main neurological emergencies.</p> <p>Explanation of the neurophysiological bases of psychic processes and behavior as well as the neurophysiological assessment of the individual.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 3 - SOCIAL ASSISTANCE
CODE	D06KTC311
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Acquiring and effectively using fundamental knowledge of psychotherapy in social work in the educational and professional process.</p> <p>Mastering the notions of psychotherapy in social work.</p> <p>Adapting the information transmitted to students to the specifics of the specialization.</p> <p>Mastering practical information that will allow students to apply it in the various situations they will encounter in the professional field of physiotherapy that they will choose.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 3 - PAIN THERAPY
CODE	D06KTC312
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>The Pain Therapy discipline aims to develop the theoretical and practical knowledge and skills necessary for the assessment and management of pain, the application of physiotherapeutic and kinetic interventions adapted to the type of pain and the patient's</p>

	context, in accordance with professional protocols and standards, as well as the development of communication, empathy and interdisciplinary collaboration skills to maximize the efficiency of the rehabilitation process and increase the quality of life of patients.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY
CODE	D06KTC313
ECTS CREDITS	4
COURSE OBJECTIVE(S)	<p>Acquire the basic theoretical and specialized knowledge necessary to plan and execute effective physiotherapy interventions.</p> <p>Develop the ability to perform a detailed clinical and functional assessment of patients, in order to correctly identify the medical indications and contraindications of physiotherapy.</p> <p>Acquire the essential specialized terminology to study relevant materials and practice in the field of physiotherapy,</p> <p>Knowledge of physiotherapy techniques and procedures and their applicability in current medical practice, on various types of pathologies.</p> <p>Knowledge and identification of temporary and definitive contraindications in the application of specific physiotherapy treatment methods.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY IN NEUROLOGICAL DISEASES
CODE	D06KTC314
ECTS CREDITS	4
COURSE OBJECTIVE(S)	<p>Preparation and acquisition of theoretical and practical knowledge specific to neurological disorders in conjunction with the objectives of functional rehabilitation.</p> <p>Knowledge of the clinical and functional aspects of neurological disorders</p> <p>Indications and contraindications for the</p>

	<p>application of physiotherapy in neurological disorders.</p> <p>Knowledge of the functional impact of neurological disorders, functional assessment, establishing short-term and long-term recovery objectives.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY IN CARDIOVASCULAR DISEASES
CODE	D06KTC315
ECTS CREDITS	4
COURSE OBJECTIVE(S)	<p>Formation of basic knowledge of cardiovascular pathology and its acquisition by students.</p> <p>Theoretical and practical knowledge of physiokinetotherapeutic protocols used in the recovery of cardiovascular diseases.</p> <p>Presentation of the main cardiovascular diseases from a unitary point of view, based on pathophysiological interrelations, thus establishing a foundation for the establishment of specific physiokinetotherapy.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY IN RHEUMATOLOGICAL DISEASES
CODE	D06KTC316
ECTS CREDITS	3
COURSE OBJECTIVE(S)	<p>Functional clinical assessment of the patient with rheumatic pathology;Physiotherapy management in rheumatological conditions, the emphasis will be on the presentation and exemplification of all related means and treatment methods for prophylactic, therapeutic and recovery purposes, in relation to the stage of evolution of the rheumatological pathology; Mastering the specialized terminology necessary to study relevant materials and to practice in the field of rheumatological diseases;</p> <p>Deep understanding of the etiopathogenic mechanisms underlying rheumatological diseases;Application of specific assessments to patients with rheumatic diseases;</p>

	Development and management of physiotherapy programs in a professional context, respecting ethical and deontological standards; Development of the practical skills necessary to select and apply specific techniques, means and methods for the management of patients with rheumatological diseases.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSICAL ACTIVITY ADAPTED TO PEOPLE WITH DISABILITIES
CODE	D06KTC317
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Students' knowledge of theoretical and practical knowledge.</p> <p>Knowledge of the physical and mental characteristics of people with disabilities and the differences determined by a certain type of disability.</p> <p>Understanding the possibilities of recovery through adapted physical activities and their effects on specific disabilities.</p> <p>Knowledge of rehabilitation methods for capitalizing on existing human potential in order to achieve the socio-professional integration of people with special needs.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PHYSIOTHERAPY IN ONCOLOGICAL CONDITIONS
CODE	D06KTC318
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Training of theoretical and practical skills necessary for the evaluation, planning and application of physiotherapy programs adapted to oncological patients, in order to improve affected functions, improve quality of life and socio-professional reintegration, within a multidisciplinary approach.</p>
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 6 - BALNEOCLIMATOLOGY
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CODE	D06KTC319
ECTS CREDITS	2
COURSE OBJECTIVE(S)	Acquiring the biological bases of natural factors of balneal cure and forming a specialized culture by developing students' knowledge and practical skills in the field of balneoclimatology and thermotherapy.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 6 - ELEMENTS OF PHARMACOLOGY
CODE	D06KTC320
ECTS CREDITS	2
COURSE OBJECTIVE(S)	Mastering the theoretical principles related to general pharmacology and medication of various organs and systems of the human body. Training the physiotherapist specialist, capable of mastering a system of knowledge, indications and contraindications for the application of common medications and how they interfere with physical effort.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 6 - CLINICAL LABORATORY ELEMENTS
CODE	D06KTC321
ECTS CREDITS	2
COURSE OBJECTIVE(S)	Knowledge of general clinical laboratory concepts, techniques used in the fields of hematology, clinical chemistry, immunology, microbiology. Explanation of analytical principles, methods and laboratory equipment used in the four departments: hematology, clinical chemistry, immunology, microbiology.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 7 - PHYSIOTHERAPY IN ICU
CODE	D06KTC322
ECTS CREDITS	2

COURSE OBJECTIVE(S)	Developing students' theoretical and practical skills in assessing and applying physiotherapy techniques to prevent complications, facilitate functional recovery, and actively participate in the multidisciplinary team in the Anesthesia and Intensive Care (ICU) departments.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	OPTIONAL 7 - RECOVERY AND REHABILITATION IN SPORTS
CODE	D06KTC323
ECTS CREDITS	2
COURSE OBJECTIVE(S)	Training the practical skills and knowledge necessary for the correct application of post-exercise recovery and recovery methods, to optimize sports performance and prevent injuries.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	INTERNSHIP IN BALNEO UNITS - CARDIO-RESPIRATORY AND NEUROLOGICAL REHABILITATION
CODE	D06KTC324
ECTS CREDITS	2
COURSE OBJECTIVE(S)	<p>Training of practical skills, specific to the kinetic recovery of patients with cardiovascular, respiratory or/and neurological pathology.</p> <p>Knowledge of the indications and contraindications of kinetic recovery programs, specific to cardiovascular diseases (essential arterial hypertension, acute myocardial infarction, acute arterial insufficiency, etc.), respiratory (bronchial asthma, chronic obstructive bronchitis), neurological (stroke, sciatic nerve palsy).</p> <p>Adaptation of kinetic exercise programs to the age, sex, exercise capacity and secondary pathologies, associated with the basic condition of the patients.</p> <p>Correct acquisition of the kinetic recovery methodology, characteristic of each type of cardiovascular, respiratory or neurological patient.</p> <p>Students' ability to design and practically</p>

	carry out a physiotherapy program appropriate to cardiovascular, respiratory or/and neurological pathologies.
LANGUAGE OF INSTRUCTION	Romanian
ASSESSMENT METHOD(S)	Exam

COURSE TITLE	PREPARATION AND DEVELOPMENT OF THE BACHELOR'S THESIS
CODE	D06KTC325
ECTS CREDITS	
COURSE OBJECTIVE(S)	
LANGUAGE OF INSTRUCTION	
ASSESSMENT METHOD(S)	

COURSE TITLE	BACHELOR'S DEGREE EXAM
CODE	D06KTC326
ECTS CREDITS	
COURSE OBJECTIVE(S)	
LANGUAGE OF INSTRUCTION	
ASSESSMENT METHOD(S)	

COURSE TITLE	POST COVID 19 RECOVERY METHODS
CODE	D06KTC327
ECTS CREDITS	
COURSE OBJECTIVE(S)	
LANGUAGE OF INSTRUCTION	
ASSESSMENT METHOD(S)	

COURSE TITLE	CLINICAL STAGE V
CODE	D06KTC328
ECTS CREDITS	
COURSE OBJECTIVE(S)	
LANGUAGE OF INSTRUCTION	
ASSESSMENT METHOD(S)	

COURSE TITLE	CLINICAL STAGE VI
CODE	D06KTC329
ECTS CREDITS	
COURSE OBJECTIVE(S)	
LANGUAGE OF INSTRUCTION	
ASSESSMENT METHOD(S)	