

KARABUK UNIVERSITY
FACULTY OF HEALTH SCIENCES
PHYSIOTHERAPY AND REHABILITATION DEPARTMENT

Course Contents

1.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	AIT181	Ataturk's Principles and History of Revolutions I	2+0+0	2	2	51
Course content	Introduction, Fall of the Ottoman Empire, Tanzimat and Islahat Eras, Tripoli and Balkan Wars, World War I, The Armistice of Moudros, the Occupation of Anatolia and the National Reactions, The Birth of the Turkish Revolution, Turkish War of Independence, The Armistice of Mudanya, The Treaty of Lausanne					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR101	Physics	2+0+0	2	2	51
Course content	The content of this course is as follows: Units, Physical quantities and vectors, Linear motion, Motion in two and three dimensions, The Newton laws of motion, Applications of Newton's laws, Work and kinetic energy, Potential energy and conservation of energy, Linear momentum, Impuls and collisions, Rotation of a rigid body, Dynamics of rotational motion, Equilibrium and elasticity, Gravitation, Electric charge and electric fields, Gauss's law, Electric potential, Capacitance and dielectrics, Current, resistance and electromotive force, Direct-current circuits, Magnetic fields and magnetic forces, Source of the magnetic field, Electromagnetic induction and Faraday's law, Inductance, Alternating current Electromagnetic waves.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR127	Physiology I	4+0+0	4	5	127.5
Course content	Cell and General Physiology -I (Intra/extracellular fluids, homeostasis, control systems of the body), Cell and General Physiology -II (Cell, transport mechanisms of the cell membrane), Membrane Potentials and Action Potentials (Neuron, action potential, synapsis), Central Nervous System (Brain, meninges, cerebrospinal fluid, spinal cord, reflex), Peripheral Nervous System (Cranial nerves, spinal nerves, plexus concept, dermatome), Autonomic Nervous System (Sympathetic Nervous System and Parasympathetic Nervous System)					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR129	Biochemistry	2+0+0	2	2	51
Course content	Introduction to biochemistry, the mechanism of water and electrolytes, proteins, aminoacids, enzymes, carbohydrates, lipids, nucleic acids and protein synthesis, hormones, steroid hormones, carbohydrate, lipid and protein metabolism, biochemistry of digestion and absorption, vitamin and mineral chemistry, liver and kidney function tests, test selection and sampling methods					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR131	Histology	2+0+0	2	2	51
Course content	Cell types in the human body and their characteristics, Examination of the cell structure, Which is based on the human organism tissues epithelial tissue, Nervous tissue, connective tissue, Muscle tissue, cartilage and bone tissue microscopic examination, To teach the basic embryological development of tissues and organs in humans.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR135	Introduction to Pyhsiotherapy	2+0+0	2	2	51
Course content	History of physiotherapy and rehabilitation, ethical principles in physiotherapy and rehabilitation, responsibilities of physiotherapists, ENPHE, APTA, WCPT, international classification of function, disability and health, physical modalities and electrotherapy, equipments in physiotherapy and rehabilitation, neurological rehabilitation, pediatric rehabilitation, rheumatological and orthopaedic rehabilitation, sport physiotherapy, geriatric rehabilitation, cardiac and pulmonary rehabilitation, obstetric rehabilitation					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR137	Psychology	2+0+0	2	3	76.5
Course content	Basic concepts of psychology; aims, history, methods, study areas of psychology Biological basis of behavior Human development Cognitive development and language development Personality development Sensory and perceptual processes Learning and memory Needs, impulses and motives Attention and perception Motivation Intelligence					

	Stress and stress management Mental disorders
--	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR139	Anatomy I	4+2+0	5	6	153
Course content	Introduction and Terminology (Anatomical parts of the human body , cavities, body membranes), Skeletal System-I (Nomenclature of the bone formations, anatomical structure of the typical bone), Skeletal System-II (Appendicular skeleton, bones of the upper and lower limbs), Skeletal System-III (Axial skeleton, vertebral column, pelvis, chest bones), Skeletal System-IV (Skull bones), Joints-I (General joint knowledge, types of synovial joints), Joints-II (Joints of the upper and lower limbs, head-neck, trunk and vertebral column) Muscle System-I (Classification of the Skeletal Muscles, Head and Neck Muscles), Muscle System-II (Muscles of the trunk and upper limb), Muscle System-III (Muscles of the lower limb, functional classification of the muscles), Circulatory System-I, Circulatory System-II, Gastrointestinal System-I, Gastrointestinal System-II.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	TUR181	Turkish Language I	2+0+0	2	2	51
Course content	This course is designed to teach the definition of language and culture, language-culture relation, the role of language as a social institution in societies, the situation of Turkish Language among world languages, the development and historical periods of Turkish language, the current condition of Turkish Language and span of usage, Turkish Phonology, inflectional and derivational morphemes in Turkish, types of lexicon in Turkish, and elements of the sentence.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	YDL183	Foreign Language I	2+0+0	2	2	51
Course content	The content of the course is designed to teach basic grammar structures in the target language (such as articles, tenses, imperatives, pronouns and conjunctions), common vocabulary and phrases (such as daily routines, animals, common verbs and transport), and to improve the students' comprehension skills in reading and listening at A1 level (such as introducing a friend and describing people).					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	DEG101	Values Education	2+0+0	2	2	51
Course content	The purpose of the education of values, concepts and content. Values in the historical development and change course. Values education and training programs related to the field investigation and evaluation of the studies.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR113	Photography	2+0+0	2	2	51
Course content	The content of this course is as follows: The history of photography, Cameras, Films, Lenses, Diaphragm and shutter system, Exposure, Depth of field, Filters, Composition, Basic shooting rules, The form of a dark room and black and white printing techniques.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR121	Ergonomics	2+0+0	2	2	51
Course content	The content of this course is as follows: The definition of ergonomics, its importance, The basic ergonomic principles, The role of the physiotherapist ergonomics, Preventive medicine and rehabilitation, Ergonomic analysis, Industrial ergonomics, Workplace ergonomics regulation, Disabled ergonomics, Design and ergonomics regulations, Home organization, Ergonomics for therapists.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR123	Health Economy	2+0+0	2	2	51
Course content	In this course, health status, health economics, development, health services market are explained. Within the scope of this information, in the light of health services financing and reimbursement systems; information about health services, economic planning and economic evaluation are given.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
1	FTR141	Fighting Addiction and Volunteering	2+0+0	2	2	51
Course content	The course will cover the definition, types, and classification of addiction; the genetic, biological, psychological, and environmental causes of addiction; and the physical, psychological, and social consequences, along with prevention strategies.					

2.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	AIT182	Ataturk's Principles and History of Revolutions II	2+0+0	2	2	51
Course content	Political Reforms, Legal Reforms, Educational and Cultural Reforms, Economic Reforms, Social Reforms, Atatürk's Principles, Atatürk's Foreign Policy, Turkey in the World War II, The concept of Jeopolitics and Jeopolitics of Turkey.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR102	Sociology of Health	2+0+0	2	2	51
Course content	<p>This course aims to examine the phenomenon of health and illness from a sociological perspective. The course covers the emergence and historical development of the sociology of health, and discusses the place of health and illness within sociological theories. Models of health and medicine, the relationship between health, culture, and religion, and the link between health, economics, and poverty are analyzed. Furthermore, the relationship between health and violence, medicalization processes, and the commercialization of health are evaluated. The course also covers current social issues such as health and migration, the effects of gender on health, and the relationship between health and media. In addition, the social transformation of the body and the transition process from a healthy body to an aesthetic and athletic body are examined from a sociological perspective. Other important topics of the course include the relationship between health and sports, and health and health literacy in a globalized world.</p>					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR104	Psychosocial Rehabilitation	2+0+0	2	2	51
Course content	<p>The main purpose of the course is for students to direct the rehabilitation program by taking into account the psychosocial situation of individuals and their families in case of illness or disability.</p> <ul style="list-style-type: none"> Concept of Psychosocial Rehabilitation Environment, Culture, Spirituality and Psychosocial Rehabilitation International Classification of Functioning, Disability and Health (ICF) and Psychosocial Rehabilitation Quality of Life and Parameters Affecting Quality of Life Concepts related to health and disability Psychosocial Rehabilitation in Disabled Children Psychosocial Process in Families with Disabled Children Psychosocial Skills (Psychosocial Assessment; Therapeutic Communication; Acceptance; Building Trust; Increasing Self-Esteem; Expressing Emotions; Stress Management; Setting Limits) Psychosocial Reactions of Patients Psychosocial Rehabilitation in Chronic Diseases Psychosocial Rehabilitation in Neurological Diseases Psychosocial Rehabilitation in Heart Diseases and Respiratory System Diseases Psychosocial Rehabilitation for Problems Seen After Traumatic Injuries Psychosocial Rehabilitation in the Elderly 					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR122	Normal Motor Development	2+0+0	2	3	76.5
Course content	<p>The content of this course is as follows: Normal development, Embryonic development, Baby development, Factors that effects movement development, Psychomotor</p>					

	development, Levels of motor organization, Assessment of neonatal, Pathological reflexes, Reflexes and correction reactions and motor development tests are going to be at this course.
--	---

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR124	Physiology II	4+0+0	4	5	127.5
Course content	Circulatory System-I (Structure of the heart, coronary circulation) Circulatory System-II (Conductive system, cardiac cycle, EKG, heart sounds) Circulatory system-III (Blood low, blood pressure, pulse, microcirculation, lymphatic System) Respiratory System-I (Inspiration and expiration, surf actant) Respiratory System-II (Lung volume and capacities, diffusion and transport of O ₂ and CO ₂) Respiratory System-III (Regulation of the respiration, acid-base balance), Gastrointestin					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR126	Nutrition	2+0+0	2	3	76.5
Course content	Enough and balanced nutrition necessary for healthy life, Food elements and groups, Results of energy imbalance, Nutrition in illnesses and nutrition for athletes take part in the content of subject.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR128	Anatomy II	4+2+0	5	7	178.5
Course content	Respiratory System-I (Basic information, anatomy of the nose, pharynx and larynx), Respiratory System-II (Brons, respiratory organ, mediastinum), (Bosses, ureters, urinary bladder, uretra), Digestive system , circulatory system, excretory system, Female Reproductive System (Ovary, tuba uterina, uterus, v agina, v ulv a, perineum, breasts), Male Ureeme System (Testis, epididymis, v def defens, attachment glands, ejaculate, scrotum) , Endocrine System (Endocrine system organs), Central Nervous System-I (Spinal cord), Central Nervous System-II (Brain), Peripheral Nervous System-I (Spinal nerves), Peripheral Nervous System-II (Cranial nerves), Autonomic Nervous System -I, Autonomic Nervous System-II, Sensory Organs-I (Skin, olfactory organ, taste organ), Sensory Organs-II (Eye, ear).					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	TUR182	Turkish Language II	2+0+0	2	2	51

Course content	This course is designed to teach the definition of sentence and elements of sentence; sentence analysis and examples of sentence analysis; types of sentences; composition skills; planning of written composition; types of written and oral expression and examples; means of expression and brainstorming in forming paragraphs; ambiguities in sentences; and the rules employed in the conduction of reseach articles.
----------------	---

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	YDL184	Foreign Language II	2+0+0	2	2	51

Course content	The content of the course is designed to teach basic grammar structures in the target language (such as adjectives, nouns, tenses, quantifiers, modals, conditionals etc.), common vocabulary and phrases (such as vegetables and fruit, health and illnesses), and to improve the students' comprehension skills in reading and listening at A2 level (such as ordering food in a cafe).
----------------	---

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR114	Interpersonal Relationships	2+0+0	2	2	51

Course content	The content of this course is as follows: Basic concepts of communication, to teach communication techniques, effective communication, non-verbal communication and body language, mass communication, cultural communication, organizational communication, interpersonal communication, communication equipment, communication within the family, communication, conflict, empathic communication, health services include communication skills.
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR116	Basic and Advanced Life Support	2+0+0	2	2	51

Course content	The content of this course is as follows: The basic concepts of first aid and supplies, emergency care, management and legal aspects, physical diagnosis, identification of priorities, basic and advanced life support, bleeding and shock, first aid and emergency care, infection control, first aid and trauma patients, emergency care, first aid and emergency care, know disorders and head trauma, wounds, and abscesses, dressings and bandages, fractures, sprains, dislocations first aid and emergency care, pain patients, urgent care, burns, frostbite, heat stroke, drowning, radioactive material, personal injury and electric shock, poisoning, animal bites and stings, foreign body escape, accident, disaster, natural disasters, first aid, neurological, cardiovascular and pulmonary care in emergency situations, metabolic, gastrointestinal and environmental care in emergency situations, people who had an accident rescue, triage and include means of transport issues.
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
----------	-------------	--------------	-------	--------	--------------	------------------------

2	FTR120	Health and Information	2+0+0	2	2	51
Course content	The content of this course is as follows: Electronic health / patient records, telemedicine, clinical decision support systems, health information systems, medical imaging and image processing, laboratory automation, scientific databases, electronic commerce, CRM, patient monitoring systems, smart card applications, data transmission, statistics, acquisition, processing and interpretation, biotechnology, medical research, education, virtual reality applications, robotic surgery is located.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
2	FTR130	Microbiology	2+0+0	2	2	51
Course content	Systematic classification of microorganisms (bacteria, fungi, virus), normal body flora, clinical pictures caused by microorganisms, pathogenesis, sampling and transport principles, causative agent, diagnostic tests, cells forming the immune system in humans, functions and mechanisms, action and resistance mechanisms of antimicrobial drugs.					

3.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR201	Basic Measurement and Evaluation in Physiotherapy	3+2+0	4	4	102
Course content	The content of this course is as follows: Patient anamnesis and assesment, Principles of the movement, Posture analysis (anterior, lateral ve posterior), Shortness test, fleksibilty and fleksibilty assesment, Range of movement measerement with goniometer, Muscle testing methods.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR203	Manual Therapy Techniques I	3+2+0	4	4	102
Course content	Introduction to classical massage. Mechanical massage methods. Sports massage. Practical applications of classical massage. Introduction to connective tissue massage. Practical applications of connective tissue massage.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR205	Kinesiology I	3+0+0	3	3	76.5
Course content	Fundamental concepts of movement and mechanical principles, mechanical properties and pathomechanics of bone, muscle, collagen, and cartilage tissues, structural and functional characteristics of body joints, balance, spatial orientation planes and coordinate systems and normal and pathological gait patterns					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR207	Electrophysical Agents I	3+2+0	4	4	102
Course content	The content of this course is as follows: Inflammation and healing mechanism, theories about the use of heat agents in pain, physical properties and physiological effects of heat, light sources and their use in physiotherapy, physiological effects and application methods of infrared, ultraviolet and laser, heliotherapy applications, cold application, hydrotherapy and hydrotherapy methods, whirlpool, butterfly bath, water applications with mechanical stimulation (in-water exercises, showers, sprays), fluidotherapy, moist heat applications, pool therapy and in-water exercises, spas, tests used in hydrotherapy					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR209	Rheumatology	2+0+0	2	2	51
Course content	The content of this course is as follows: The classification of rheumatic diseases, clinical findings, pain, inflammation, Major laboratory findings, evaluation, general principles of treatment and rehabilitation, rheumatic diseases, osteoarthritis, rheumatoid arthritis, juvenile idiopathic rheumatoid arthritis, systemic lupus erythematosus, gout and other crystal arthropathies, acute The content of this course is as follows: rheumatic fever, seronegative spondylarthropathies , soft tissue rheumatism, collagen tissue diseases, infectious arthritis, scleroderma, polymyositis, dermatomyositis, ankylosing spondylitis, Reiter s syndrome, psoriatic arthritis, Jaccoud syndrome, Tietze s syndrome, polyarteritis nodosa, Sjogren s syndrome, Drugs used in rheumatic.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR211	Clinical Neuroanatomy	2+0+0	2	2	51
Course content	The content of this course is as follows: General concepts about structure and working of nerve system, macroscopic anatomy and physiology of central nerve system, medulla spinalis, truncus cerebri, formatio reticularis, ascending and descending ways of cerebellum medulla spinalis, cranial nerves, basal ganglions, diencephalon, seeing and hearing ways, limbic system, autonomic nerve system, vessels of telencephalon and MSS are in the content of lesson.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR227	Clinical Neurology	2+0+0	2	3	76.5
Course content	Neurological inspection, medulla spinalis disorders, polyneuropathies, trap neuropathies, neuromuscular diseases, cerebellar system diseases, extra pyramidal system diseases, cerebrovascular diseases.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR215	Health Philosophy	2+0+0	2	2	51
Course content	The content of this course is as follows: Philosophy and the connected disciplines, current view to philosophy, philosophically science and society, new trends in philosophy ,the philosophy of the physiotherapist , philosophical thinking strategies of physiotherapist.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR217	Neurology	2+0+0	2	2	51
Course content	The content of this course is as follows: Neurological inspection, medulla spinalis disorders, polyneuropaties, trap neuropaties, neuromuscular diseases, cerebellar system diseases, extra pyramidal system diseases, cerebrovascular diseases.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR219	Pharmacology	2+0+0	2	2	51
Course content	The content of this course is as follows: Drugs and their types in accordance with illness, infections, chemotherapy, vaccines, nutrition and vitamins take part at the content of this lecture.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR221	Birth and Woman's Diseases	2+0+0	2	2	51
Course content	The content of this course is as follows: Genital organ anatomy, pelvic structure, menstruation, birth physiology and mechanism, operative vaginal delivery, family planning and gynecological oncology.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR223	Physical Fitness	2+0+0	2	2	51
Course content	The content of this course is as follows: Physical fitness, energy systems, body structure and body structure of the reviews of recovery from fatigue, aerobic, anaerobic, max VO2 training, O2 consumption calculation, threshold levels, exercise the choice of topics, the calculation of the level of exercise heart rate.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
----------	-------------	--------------	-------	--------	--------------	------------------------

3	FTR225	Health Tourism	2+0+0	2	2	51
Course content	The content of this course is as follows: The definition of health tourism, importance of health tourism, the basic concepts of health tourism, health tourism development and the causes of development, factors that make up the supply of health tourism, health tourism, natural conditions and environment, factors affecting the demand for health tourism, health tourism marketing and logistics, health tourism policy issues					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR229	Vocational English	2+0+0	2	2	51
Course content	Students may be required when thrown to the profession as a basis level of English, English grammar, vocabulary, reading comprehension, oral expression and writing skills.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR231	Balneotherapy	2+0+0	2	2	51
Course content	Definition of a spa, application areas of spa treatment, mechanisms of action of thermomineral water baths, specific effects of mechanical-thermal-chemical general effects, examination of the properties of spa waters, properties and effects of spa water, properties and effects of drinking water, chlorine and pH measurements of water, indications, contraindications, and complications of spa therapy, balneotherapy methods, internal applications, irrigations, mineral waters and drinking cures, and inhalation.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR233	Academic Literacy	2+0+0	2	2	51
Course content	This course covers the concept of academic literacy; Skills in accessing, obtaining, using and presenting information; It includes the subjects of reading, understanding and analyzing scientific texts, expressing opinions about scientific issues, and developing knowledge, attitudes and behavior towards the skills of designing scientific research projects.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
3	FTR235	Palpation Skills in Physiotherapy	1+2+0	2	2	51
Course content	Palpating anatomical structures like bone, muscle, tendon, peripheral nerve, fascia over skin and differentiating tissues.					

4.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR202	Principles of Therapeutic Exercise	3+2+0	4	4	102
Course content	Planning exercise program, active-active assistive, passive and resistance exercises, lordosis- kyphosis- scoliosis-postrual exercises for lower extremity. The exercises using areas and techniques of stretching exercises, progressive resistant exercises, relaxation exercise, spinal stabilization, group exercises, Thai Chi, planning for home exercise program, traction.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR204	Manual Therapy Techniques II	1+2+0	2	2	51
Course content	Deep transverse friction massage. Cyriax, McKenzie, Kaltenborn, Maitland, Mulligan and Butler approaches in manual therapy. Regional mobilization and manipulation applications: Temporomandibular joint, cervical spine, thoracic spine, lumbar spine, shoulder, elbow, wrist, hand, hip, knee, foot and ankle.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR206	Kinesiology II	3+0+0	3	3	76.5
Course content	The content of this course is as follows: Shoulder Pathomechanics, Elbow Pathomechanics, Wrist-hand Pathomechanics, Spine Pathomechanics, Hip Pathomechanics, Knee Pathomechanics, ankle-foot Pathomechanics, Pathological gait.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR208	Electrophysical Agents II	3+2+0	4	4	102
Course content	High frequency currents, low frequency currents, Transcutaneous Electrical Nerve Stimulation, NMES, FES, interferential currents, short wave diathermy, microwave diathermy, sinterm, long wave diathermy, ultrasound, biofeedback, high voltage pulsed current, and continuous passive motion applications are included in the course content.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR210	Exercise Physiology	2+0+0	2	2	51
Course content	Energy and energy systems, recovery, skeletal muscle and exercise, cardiovascular system and exercise, respiratory system and exercise, exercise and immune system, exercise and					

	endocrine system, heat balance and exercise, high altitude exercise, microgravity and exercise, exercise and doping, aging and exercise.
--	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR228	Orthopaedics	2+0+0	2	3	76.5
Course content	The content of this course consists of introduction to orthopedics, upper extremity traumas and treatment methods, lower extremity traumas and treatment methods, spinal injuries and treatment methods, healing and treatment methods for fractures and dislocations, and childhood orthopedic problems.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR230	Summer Internship I	0+0+0	0	3	76.5
Course content	This course consists of evaluation of patients with different diagnosis and determining the implementation of physiotherapy and rehabilitation program. It gives students the opportunity to apply theoretical knowledge and practical skills.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	ATU202	Academic Turkish	2+0+0	3	3	76.5
Course content	Definition events and objects, explanation of processes and procedures, explanation of terminology and principles, analysis of written scientific documents.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR218	Clinical Biochemistry	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Structural and functional tasks of proteins, carbohydrates, lipids, enzymes, nucleic acids, learning of functions of minerals, hormones, vitamins, disorders caused by excessive and deficiency, anabolism, catabolism, digestion and absorption, liver and kidney function tests, selecting the test and methods of taking sample.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR220	Pathology	2+0+0	2	3	76.5
Course content	The content of this course is as follows: The subjects of pathology, cytology, cell injury, inflammation and healing, diseases that concern body fluids and blood stream, neoplasia, immunology and immunopathology take part in content.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR222	Radiology in Physiotherapy	2+0+0	2	3	76.5
Course content	The content of this course is as follows: This course is as follows: Terms of body position, radiological methods and properties, diagnostic methods, Ultrasonography, computerized tomography, radiological methods and properties, MR, radiology of skeletal system, radiology of nervous system, radiology of respiratory and circulatory system.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR224	Orthopaedics and Traumatology	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Subjects of orthopedy and traumatology entry, evaluation and examination methods, informations about visualization methods, education of first aid, subluxations, fractures, soft tissue injuries, congenital orthopedic diseases, bone development disorders, torticollis, , pathologies of musculoskeletal systems, infections and tumors, pathologies of hand foot spine, scoliosis, injuries of brachial plexus, examination and treatment methods, endoprosthesis, bone tumors, poliomyelitis, cerebral palsy, sport injuries, amputations, hand-foot injuries, osteomyelitis and inflammatory arthropathies, compartment syndromes and Wolkman ischemic contracture will be processed.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR226	Neurochirurgie	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Clinical diagnosis in neurosurgery, treatment approaches, adult neurosurgery, functional neurosurgery, pediatric neurosurgery, neuro-oncologic surgery, intensive care in neurosurgery, hospital and non-hospital clinics, patient follow-up protocols, approaches to clinical inquiry, innovations in neurosurgery, the use of technology, ancillary equipment and hardware support.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR232	Hearing and Speech Therapy	2+0+0	2	3	76.5
Course content	Articulation and phonology, oral-motor attention, functional and organic articulation disorders, hearing impairments, developmental verbal dyspraxia, phonological disorders, language disorder interventions, aphasia, dysarthria and speech apraxia, voice and laryngeal speech interventions, treatment, behavior modification, key teaching strategies, session design, basic training protocol.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)

4	FTR234	Medical Informatics	2+0+0	2	3	76.5
Course content	Electronic medical / patient records, telemedicine, clinical decision support systems, health information systems, patient monitoring systems, applications of the smart card, data transmission, statistics in the acquisition, processing and interpretation, biotechnology, medical research, education; virtual reality applications.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
4	FTR236	Health Law	2+0+0	2	3	76.5
Course content	Sources of health law; legal status of the physiotherapist and relationship with other health professionals (especially physicians); patient rights and privacy in rehabilitation; concept of medical intervention and legal nature of physiotherapy practices; informed consent and participation in treatment; administrative liability in health services; malpractice in physiotherapy (burns, falls, wrong exercise, etc.); civil and criminal liability.					

5.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR305	Pediatric Rehabilitation	2+2+0	3	3	76.5
Course content	The content of this course is as follows: Issues that's going to be mentioned will be cerebral palsy, spina bifida, down syndrome, mental retardation, neuromuscular disorders, Rett syndrome, autism and their rehabilitation and hippotherapy.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR307	Orthotics and Rehabilitation	2+2+0	3	3	76.5
Course content	The content of this course is as follows: Biomechanical principles of orthotics, pre and post orthotics assessment, upper and lower extremity orthotics, spinal orthotics and rehabilitation of the various orthotics applications					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR309	Cardiopulmonary Rehabilitation	3+2+0	4	4	102
Course content	The content of this course is as follows: The definitions in cardiac rehabilitation, the cardiovascular endurance, the basic approachments in cardiac rehabilitation, the risk factors of coronary artery disease, myocard infarction, healing and rehabilitation phases, exercise test and training, rehabilitation in cardiac surgery, the components of pulmonary rehabilitation, the mechanics of breathing and the control of breathing, respiration function tests, arterial blood gas analysis, assessment in pulmonary physiotherapy, pulmonary physiotherapy applications, restrictive and obstructive lung					

	diseases and rehabilitation, pulmonary rehabilitation interventions at preoperative-postoperative stage, anatomical and physiological differences in infants, the breathing and physiotherapy technics in infants.
--	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR323	Rehabilitation of Rheumatic Diseases	2+0+0	2	3	76.5
Course content	Pathophysiology of rheumatic disease, assessment procedures and treatment approaches, preventive services, management of disease process and coping skills, recognize different rheumatic disease and necessary treatment approaches.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR329	Neurophysiological Approaches I	2+2+0	3	4	102
Course content	Central nervous system, neuroanatomy , PNF patterns, inhibition and facilitation techniques, mat activities.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR331	Orthopaedic Rehabilitation	3+0+0	3	4	102
Course content	It includes early and late rehabilitation approaches, theoretical and practical examples of all orthopedic diseases that require or do not require surgery.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR333	Athlete's Health and Physiotherapy	3+0+0	3	3	76.5
Course content	Athletes' assesment, performance assesment, physical fitness, general approches for precausing the sport injuries, physiotherapy and rehabilitation for sports injuries.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR315	Training Theory	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Definition of training, training principles, biomotor abilities, training methods, physical fitness, strength training, cardiovascular training, flexibility training.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)

5	FTR317	Biomechanics	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Anatomic structure, growth, boarded external loads to system, ergonomics, clinic applications, protective equipments and biomechanics about body movements.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR319	Alternative Treatment Methods	2+0+0	2	3	76.5
Course content	The content of this course is as follows: This course is currently used as a widespread and popular acupuncture, ayurveda, reflexology, complementary therapies such as meditation gives you basic information about the methods.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR321	Ecology and Environment	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Definition of ecology and environmental pollution and the environment-health relationship, The factors that cause environmental pollution, Types of pollution, air pollution, Water pollution, Soil pollution, Solid waste (garbage problem), pollution, Radiation-radioactive pollution, Noise and noise pollution, Nutrient pollution, Deterioration of appearance-visual pollution, Slum problems, The problems created by population growth and the general environment degradation and result.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR325	Research Methods	2+0+0	2	3	76.5
Course content	Research planning, possible sources of error in researches, sampling, types of research design, analysis of research data, interpretation and reporting of results.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR327	Rehabilitation in Public Health	2+0+0	2	3	76.5
Course content	The basic rights constituting the aim of the health law, The responsibility of civil law in the health services, The responsibility of agreement, The responsibility of criminal law in the health service, The responsibility of the government over the health services, Patients rights.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR335	Entrepreneurship	2+0+0	2	3	76.5

Course content	In this course, the conceptual framework of entrepreneurship, approaches, functions, process, entrepreneurship culture, local and international context of entrepreneurship and entrepreneurship ethics will be discussed.
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
5	FTR337	Physiotherapy and Rehabilitation in Women's Health	2+0+0	2	3	76.5

Course content	Theoretical presentations about the definition, classification, evaluation of the problems covered by Physiotherapy in Women's Health, preventive approaches, selection and application of different physiotherapy approaches.
----------------	--

6.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR310	Occupational Therapy	2+2+0	3	3	76.5

Course content	The content of this course is as follows: Introduction to occupational therapy, occupational, Functional, daily life activities, Self help tools and home editing, Sense perception and motor, Daily life activities training, Occupational therapy in hemiplegia, Peditary and orthopedic diseases and therapatic exercise and games in occupational therapy.
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR340	Neurophysiological Approaches II	2+2+0	3	4	102

Course content	Cerebrovascular disease causes, treatment, evaluation, and used in the rehabilitation Brunnstrom, Bobath and Johnstone Approaches and to teach foundations of the theoretical and practical.
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR342	Special Topics in Physiotherapy	2+2+0	3	3	76.5

Course content	Rehabilitation in Diabetes, Geriatric Rehabilitation, Rehabilitation in Hemophilia, Rehabilitation in Mental Motor Retardation, Rehabilitation in Facial Palsy, Rehabilitation in Reflex Sympathic Dystrophy, Rehabilitation in Burns, Rehabilitation in Cancer Rehabilitation in Obesity, Obstetric Rehabilitation, Rehabilitation in Urinary Incontinance, Rehabilitation in Low Vision Cognitive Rehabilitation
----------------	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
----------	-------------	--------------	-------	--------	--------------	------------------------

6	FTR344	Neurological Rehabilitation	2+2+0	3	5	127.5
Course content	Nervous System, Evaluation in Neurological Rehabilitation, Rehabilitation in Spasticity , Rehabilitation in Ataxia, Rehabilitation in Spinal Cord Injury, Rehabilitation in Multiple Sclerosis, Rehabilitation in Parkinson Disease, Rehabilitation in Motor Neurone Disease, Rehabilitation in Neuromuscular Junction Disease, Rehabilitation in Polio and Post- Polio Disease, Rehabilitation in Head Trauma, Rehabilitation in Subarachnoid Hemorage, Rehabilitation in Head Tumors					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR346	Prosthetics and Rehabilitation	3+0+0	3	3	76.5
Course content	<p>Define amputation, history, causes and levels.</p> <p>Evaluation parameters of upper limb, hand-wrist amputations, prosthesis variations of hand prosthesis.</p> <p>Elbow desarticulation, below elbow amputations and prosthesis</p> <p>Above elbow amputations, prosthesis shoulder desarticulation prosthesis</p> <p>Measures, socket types, suspension systems</p> <p>Myoelectric prosthesis</p> <p>Lower limb prosthesis, foot prosthesis, syme prosthesis</p> <p>Below knee prosthesis, socket types and suspension systems</p> <p>Ambulation in below knee amputees and biomechanic principles</p> <p>Knee desarticulation prosthesis, above knee prosthesis, biomechanic principles</p> <p>Hip desarticulation prosthesis, suspension systems</p> <p>Ambulation in above knee amputees and biomechanic principles.</p> <p>Upper limb amputee training.</p> <p>Lower limb amputee training.</p>					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR332	Summer Internship II	0+0+0	0	3	76.5
Course content	This course consists of evaluation of patients with different diagnosis and determining the implementation of physiotherapy and rehabilitation program. It gives students the opportunity to apply theoretical knowledge and practical skills.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR316	Hearing and Speech Disorders	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Subjects of intervention for articulation and phonology, oral-motor consideration, functional and organic articulation disorders, hearing impairment, developmental verbal dyspraxia, phonological disorders, intervention language disorders, intervention for adult aphasia, dysarthrias, and apraxia of speech, intervention for voice and alaryngeal speech, treatment, behavior modification, key					

	teaching strategies, session design, basic training protocol, task order, dynamics of therapy , group therapy and service delivery models in educational setting
--	--

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR318	Balneotherapy	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Definition of balneotherapy – application fields of balneotherapy, The effect mechanism of the thermomineral waters, Specific-mechanical-thermic-chemical-general effects, Characteristics of thermal spring examination, Efficacy and characteristic of thermal spring, The characteristics of drinking water and efficacy- chlorine and pH measurements of water, Indication of balneotherapy, Contraindication of balneotherapy, complication of balneotherapy, Methodology of balneotherapy-Internal applications, Irrigation, Thermomineral waters and drinking of mineral water-inhalation, Methodology of balneotherapy-external applications, Baths-showers-peloides-gas baths, Water with Radon, Water with carbon dioxide, Water with containing sulfur, Water with sulfate, Water with bicarbonate, Water with rare-earth element, Water with iron, Water with iodine, Water with flour, Peloides and application, Balneotherapy in rheumatismal diseases, Balneotherapy in digestive system diseases, Bottled natural mineral water and spring water, Balneotherapy centers in Turkey.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR320	Disabled and Sport	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Evaluation of disability, Energy consumption of disabled people, According to the disabled selection of the appropriate sport, Disability and race sports, The disabled and the Olympics, The disabled and sports facilities.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR322	Geriatric Rehabilitation	2+0+0	2	3	76.5
Course content	The content of this course is as follows: The biology of aging, the effect of aging on body systems, exercise-induced changes in old age, assessment of functional status in the elderly, geriatric physiotherapy applications.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR324	Occupational Safety and Health	2+0+0	2	3	76.5
Course content	The content of this course is as follows: Occupational health and safety, Purpose, by definition, The basic principles, the main principles, job security, benefits, regulations, promotion, labor law, occupational health promotion, hazards, measures to be taken, hazards, the employer and the employee's obligation, introduction of safety signs and precautions for work-related accidents,					

	housing diseases, noise,vibration, promotion and benefits of personal protective art equipment, ergonomics and the description and evaluation of risk
--	---

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR334	Pysiotherapy in Industry	2+0+0	2	3	76.5
Course content	Preventing industrial injuries and solving problems that exist; work analysis, ergonomics, exercise approach, knowledge of body mechanics, information and applications that involve workplace adjustment and adaptations, Assessment at occupational rehabilitation, and work education.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR336	Management and Organization	2+0+0	2	3	76.5
Course content	In this lesson basic management functions of health institutions' such as planning, organization, executive, coordination and inspection processed by scientific methods and modern administration understanding					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR338	Biostatistics	2+0+0	2	3	76.5
Course content	Descriptive statistics, visualization, normality tests, hypothesis testing, correlation analysis and simple linear regression analysis, computer-assisted statistical analysis					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR348	Physiotherapy and Rehabilitation in Disasters	2+0+0	2	3	76.5
Course content	Disaster types/cycle, injury patterns, PT roles in disasters, rapid assessment and prioritization, management of MSK/SCI/amputations, respiratory/cardiopulmonary rehabilitation, vulnerable groups, evidence-based low-resource interventions, communication/documentation, field simulations and case discussions.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
6	FTR350	Technology in Rehabilitation	2+0+0	2	3	76.5
Course content	This course contains; Technological rehabilitation and neuroplasticity,virtual reality, process of developing rehabilitative games, video based games and rehabilitation, motion analysis via inertial sensors and rehabilitation, robotic rehabilitation, wearable technologies in rehabilitation, technology in cognitive rehabilitation, muscle stimulation techniques and functional electrical stimulation, technologies assisting mobility,					

	technology usage to develop physical activity, technologies for education and informatics, technology in physical therapy education, technology in pulmonary rehabilitation.
--	--

7.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
7	FTR421	Clinical Practice I	0+20+0	10	18	459
Course content	Planning and implementation of treatment programs and clinical problem solving in different Physiotherapy and Rehabilitation units.					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
7	FTR423	Clinical Practice in Orthopedic Rehabilitation	0+6+0	3	6	153
Course content	<p>Selection and application of assessment methods specific to orthopedic conditions</p> <p>Determination of short-term and long-term goals in the treatment of patients with orthopedic disorders.</p> <p>Understanding orthopedic surgical interventions involving bone and soft tissues.</p> <p>Identification of possible postoperative complications and methods for their prevention.</p> <p>Discussion and application of current postoperative orthopedic rehabilitation protocols.</p> <p>Enhancing the level of knowledge and skills required for the application of treatment methods related to orthopedic rehabilitation.</p>					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
7	FTR425	Clinical Practice in Pediatric Rehabilitation	0+6+0	3	6	153
Course content	Basic-level application of physiotherapy and rehabilitation approaches in cerebral palsy and pediatric neuromuscular diseases					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
7	FTR427	Clinical Practice in Cardiopulmonary Rehabilitation	0+6+0	3	6	153
Course content	Practical application of physiotherapy and rehabilitation-specific treatment and assessment approaches in adult and pediatric cardiopulmonary disorders					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)

7	FTR429	Clinical Practice in Neurosurgical Rehabilitation	0+6+0	3	6	153
Course content	Basic-level interventions in clinical practice of neurosurgical rehabilitation					

8.Semester

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
8	FTR424	Clinical Practice II	0+20+0	10	18	459
Course content	Planning and implementation of treatment programs and clinical problem solving in different Physiotherapy and Rehabilitation units					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
8	FTR426	Clinical Practice in Neurological Rehabilitation	0+6+0	3	6	153
Course content	Basic-level applications in physiotherapy and rehabilitation for neurological disorders managed in outpatient and/or inpatient settings					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
8	FTR428	Clinical Practice in Sports Health	0+6+0	3	6	153
Course content	Basic-level applications in sports physiotherapy and rehabilitation					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
8	FTR430	Clinical Practice in Geriatric Rehabilitation	0+6+0	3	6	153
Course content	Basic-level practices in physiotherapy and rehabilitation for geriatric rehabilitation					

Semester	Course Code	Course Title	T+P+L	Credit	ECTS Credits	Total Workload (Hours)
8	FTR432	Clinical Practice in Rheumatological Rehabilitation	0+6+0	3	6	153
Course content	Basic-level interventions in the physiotherapy and rehabilitation of rheumatic diseases in outpatient and inpatient settings					