

ISTINYE UNIVERSITY
VOCATIONAL SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PHYSIOTHERAPY
COURSE DESCRIPTIONS

1st SEMESTER

ANT111- Introduction To Anatomy | 3 ECTC

To give information about the anatomical structure and properties of human body.

ENF111- Physiology | 3 ECTC

Introduction to human physiology, tissue and systems, homeostasis, Muscular System, Nervous System, Cardiovascular System, Blood and Immune system, Respiratory System, Sensory System, Digestive System, Urinary System, Endocrine System and Reproduction.

FZT111- Introduction To Physiotherapy | 5 ECTS

Definition of Physiotherapy and rehabilitation, concepts, areas of application, physical therapists' duty and responsibility, legal regulations, multidisciplinary teamwork in rehabilitation, social policy and programs for disabled persons in Turkey and in other countries. The communications with team members, patients and their family.

FZT112- Physical Modalities And Electrotherapy I | 7 ECTS

To teach how to use electro therapy modalities and the equipments. To decide which electrotherapy equipments should be used for which purpose.

TRM111- Medical Terminology | 3 ECTS

With this course, students will be able to understand the meanings, they will be able to easily understand and use these terms in their professional and everyday life.

ATA111- Ataturk's Principles And History Of Turkish Revolution II | 2 ECTS

Teaching the military, political, economic and social events of the Ottoman Empire in the internal and external politics, the struggle for national liberation and the formation of the new Turkish Republic.

ING114- English I | 2 ECTS

Students will understand English effectively and use basic grammar of English Rules. Through this course, students will be able to interpret simple dialogues in English and use the new structures and words they have learned in their daily lives.

TURK111- Turkish Language I | 2 ECTS

To give information about language definition, role and importance in communication, verbal and written expression techniques in literary and scientific fields, writing rules and expression disorders.

MSE111- Occupational Ethics | 3 ECTS

This course will help students learn about the ethical concept and health professional ethics and find solutions to the problems they face in their professional life.

2nd SEMESTER

FZT121- Muscle And Nerve Anatomy | 4 ECTS

To learn general knowledge and practice about nervous system anatomy and dissection of, central nervous system, meninges, cerebrum, cerebellum, pons and spinal cord. To learn general knowledge and practice about peripheral nervous system, neuroanatomy and dissection of peripheral and autonomy nervous system to learn general and special knowledge and practice about muscular system.

FZT122- Basic Measurement And Evaluation In Physiotherapy | 7 ECTS

Patient anamnesis and assessment, principles of the movement, posture analysis (anterior, lateral and posterior), flexibility assessment, anthropometric measurements, range of movement measurements with goniometer, muscle testing methods.

FZT123- Treatment Movements And Principles I | 6 ECTS

The purpose of this lesson is; implementation and understanding the using goals of therapeutic exercises like normal joint movements, strengthening exercises, breathing, stretching, relaxation, open and closed kinetic chain, balance and proprioception used as a basis in physical therapy.

FZT124- Physical Modalities And Electrotherapy II | 7 ECTS

Electrophysical mechanisms, physiologic reactions of the muscle and the nerve, stimulation properties of healthy and nerved muscle will be discussed, and basic principles and application methods of low, medium and high-frequency currents will be tackled.

ATA121- Ataturk's Principles And History Of Turkish Revolution II | 2 ECTS

This course examines Atatürk's principles and reforms and the political developments after the Ataturk with the establishment process of the Republic of Turkey.

ING121- English II | 2 ECTS

Students will be able to understand English, use it effectively and compare basic grammar rules of English. Through this course, students can comment on simple dialogues in English and use the new structures and words they have learned in their daily lives.

TURK121- Turkish Language II | 2 ECTS

Proper use of punctuation marks in writing, development of plain text writing skills, listening and reading skills are taught.

3rd SEMESTER

FZT211- Compulsory Internship | 5 ECTS

The professional knowledge gained at the school, students will receive internships at the end of the 2nd semester to ensure that they acquire new practical and technical skills, to acquire business skills, and to communicate effectively with other disciplines and administrators.

FZT212- Treatment Movements And Principles II | 5 ECTS

Physiotherapists they use a variety of exercises to treat their patients, treatment approaches and techniques include. At the end of this lesson, students must be reached the adequency to do the basic exercises in physical therapy, purposes for using these exercises, application methods and proper patient selection for these exercises.

FZT213- Diseases And Physiotherapy Approaches | 6 ECTS

The system of the body and the basic knowledge of the diseases which are related to these systems are transferred to the students.

İLK111- First Aid | 3 ECTS

First aid entry and general characteristics, evaluation of basic life function, respiratory and circulatory system, first aid injury, bleeding in first aid, shock and first aid, burns and first aid, poisoning and first aid, fracture-dislocations and sprains first aid, basic life support

Fundamental Microbiology | 4 ECTS

To learn classifying microorganisms and some definitions of infectious diseases, transmission routes, factors, signs and symptoms and to gain information about the general factors related to the host and the environment.

FZT214- Orthosis-Prosthesis | 3 ECTS

The aim of this lesson is to teach rehabilitation phase of patients which use orthes or prothes

Manifest Of Istinye University | 1 ECTS

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

SAİ211- Communication In Health |3 ECTS

Introduction to Health Communication, Health Communication Concept. As an interdisciplinary field of Health Communication, Health communication features, fields of activity of health communication

4th SEMESTER

FZT213- Massage Techniques | 5 ECTS

With necessary information about physical therapy and rehabilitation issues, implement treatment with correct techniques.

FZT222- Hydrotherapy and Balneotherapy | 4 ECTS

To introduce cure therapy environments (thermal springs and sea shores), balneotherapy practice in clinics and in natural conditions, to gain competency on thermal spring practice and spa practice.

Health Psychology | 4 ECTS

To gain awareness and biopsychosocial perspective on the relationship between the treatment of health, disease and disease and psychological factors.

FZT224- Kinesiology | 5 ECTS

To investigate human body and movement within biomechanics laws *To establish decline from normal movement and posture *to guide normal movement

Physiotherapy Clinic Practices | 6 ECTS

To practice about physiotherapy and rehabilitation, concepts, areas of application, physical therapists' duty and responsibility, legal regulations, multidisciplinary teamwork in rehabilitation.

Manifest Of Istinye University II | 1 ECTS

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

Home Care Services | 3 ECTS

The concept of home care, The place and importance of health care personnel in home care, Home care services in the world, Home care services in Turkey, Organization and coordination of hospital services and home care services, Home care directive and directive.

FZT226- Ergonomi And Ergotherapy | 2 ECTS

The entrance for occupational therapy, terminology, the evaluation of quality of life and daily activities, self-assistance tools and home adjusting, sensorial perceptual motor disabilities, training for daily life activities, to have informations about assistance tools using for various disabilities.