



**Technological  
Educational Institute of  
Athens (TEI- A)**  
Faculty of Health and  
Caring Professions  
**Physiotherapy Department**



# **CURRICULUM COURSE DESCRIPTION**

**Implementation Period: 1983 – September 2000**

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## 1<sup>st</sup> SEMESTER

	1 <sup>st</sup> Semester	C	Lect	Lab	Total
1.	Anatomy I	M	3	1	4
2.	Physiology I	M	3	1	4
3.	Kinesiology I	M	3	2	5
4.	Biophysics	M	3		3
5.	Biochemistry	M	3		3
6.	Biometry – Biostatistics	M	3		3
7.	Psychology	M	2		2
8.	Sociology	M	2		2
9.	Elements of Public Health	M	2		2
10.	Physical Education I	M	-	4	4
	<b>Total Semester Hours</b>		<b>24</b>	<b>8</b>	<b>32</b>

### Abbreviations

**C** = Course Category, **M** =Mandatory

**Lect** = Lecture hours per week

**Lab** = Laboratory hours per week

COURSE TITLE	ANATOMY I
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 3, Laboratory 1)
ACADEMIC SEMESTER	1 <sup>st</sup>

### COURSE DESCRIPTION:

Cells, organs, tissues, systems and parts of the human body. Osteology – ligaments, muscular system. Types, properties, actions of muscles. Muscles of face, head, neck, chest, back, abdomen, upper and lower extremities. Origin – insertion – motions. Nervous system. Cerebrospinal - Central (brain- spinal cord). Peripheral (Nerves and ganglia). Autonomic nervous system. Sense organs.

<b>COURSE TITLE</b>	<b>PHYSIOLOGY I</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 (Theory 3, Laboratory 1)</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

Basic principles of the physiological functions of the human body. Cell physiology. Nervous system. Muscular system. Sense organs. Endocrine system – Hormones.

<b>COURSE TITLE</b>	<b>KINESIOLOGY I</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>5 (Theory 3, Laboratory 2)</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

Introduction. Principles of stability and motion. Structures and materials of the joints. Principles of force – movement. Levers. Gait. Muscle function. Neuromuscular basis of human motion.

<b>COURSE TITLE</b>	<b>BIOPHYSICS</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

General part – Introduction. Elements of mechanics – heat – sound – electricity.

Biophysical properties: a) Electrical currents, b) Ultrasounds, c) Diathermy, d) Hot – cold, e) Laser etc.

<b>COURSE TITLE</b>	<b>BIOCHEMISTRY</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

Function and composition of biochemical substances. Structure and metabolism of protides. Enzymology. Cellular oxidation. Structure and metabolism of glucides. Structure and metabolism of lipids. Steroids. Nucleic acids. Protein biosynthesis. Porphyrins. Hemoglobins. Proteins. Vitamins.

<b>COURSE TITLE</b>	<b>BIOMETRY - BIOSTATISTICS</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

Definitions – basic concepts. Applications of the biostatistics principles in population health. Methodology of collection, presentation and analysis of data. General principles of descriptive statistics.

<b>COURSE TITLE</b>	<b>PSYCHOLOGY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	1 <sup>st</sup>

**COURSE DESCRIPTION:**

Introduction to Psychology. Basic concepts. Understanding the basic behavior of the individual. Physiotherapist – patient. Physiotherapist – work environment. Physiotherapist – working group.

<b>COURSE TITLE</b>	<b>SOCIOLOGY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	1 <sup>st</sup>

**COURSE DESCRIPTION:**

Introduction to the basic concepts of Sociology and the methodology of analysis. Political and social bases of human behaviour. The role of values in social life. Systems of social conditions. Human ecology and population. Intersocial relationships and changes. Social institutions. Social research.

<b>COURSE TITLE</b>	<b>ELEMENTS OF PUBLIC HEALTH</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	1 <sup>st</sup>

**COURSE DESCRIPTION:**

Considerations in health – disease. Population disease agents. Population hygiene.

<b>COURSE TITLE</b>	<b>PHYSICAL EDUCATION I</b>
<b>COURSE TYPE</b>	<b>Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 Laboratory</b>
<b>ACADEMIC SEMESTER</b>	<b>1<sup>st</sup></b>

**COURSE DESCRIPTION:**

Students' exercise. Group programs. Sports.

## 2<sup>nd</sup> SEMESTER

	2 <sup>nd</sup> Semester	C	Lect	Lab	Total
1.	Anatomy II	M	3	1	4
2.	Physiology II	M	3	1	4
3.	Kinesiology II	M	2	2	4
4.	Orthopaedics	M	4		4
5.	Surgery	M	3		3
6.	Nosology I	M	2		2
7.	Rheumatology	M	2		2
8.	Massage Techniques I	M	1	2	3
9.	Physical Education II	M		4	4
10.	Foreign Language I	M	2	1	3
	<b>Total Semester Hours</b>		<b>22</b>	<b>11</b>	<b>33</b>

COURSE TITLE	ANATOMY II
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 3, Laboratory 1)
ACADEMIC SEMESTER	2 <sup>nd</sup>

### COURSE DESCRIPTION:

Respiratory system. Circulatory system. Digestive system. Urinary system. Reproductive system. Endocrine glands. Reticuloendothelial system.

COURSE TITLE	PHYSIOLOGY II
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 3, Laboratory 1)
ACADEMIC SEMESTER	2 <sup>nd</sup>

**COURSE DESCRIPTION:**

Blood. Respiration. Circulatory system. Heart. Lymph – Lymphatic system. Acid-base balance. Kidneys – Urinary system. Digestive system. Metabolism. Thermoregulation.

<b>COURSE TITLE</b>	<b>KINESIOLOGY II</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 (Theory 2, Laboratory 2)</b>
<b>ACADEMIC SEMESTER</b>	<b>2<sup>nd</sup></b>

**COURSE DESCRIPTION:**

Spine. Chest - shoulder girdle. Upper limbs. Muscular control. Motion analysis.

<b>COURSE TITLE</b>	<b>ORTHOPAEDICS</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>2<sup>nd</sup></b>

**COURSE DESCRIPTION:**

General part. Fractures. Sprains – dislocations. Soft tissue injuries. Amputations – prostheses – splints. Deformation of spine and limbs. Orthopedic surgery – traumatology.



<b>COURSE TITLE</b>	<b>SURGERY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	3 Theory
<b>ACADEMIC SEMESTER</b>	2 <sup>nd</sup>

**COURSE DESCRIPTION:**

General part. Elements of general surgery. Thoracic surgery – Heart surgery. Neurosurgery. Abdominal surgery. Common postoperative complications. Burns.

<b>COURSE TITLE</b>	<b>NOSOLOGY I</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	2 <sup>nd</sup>

**COURSE DESCRIPTION:**

General part. General causes of diseases, microbes, physical and chemical agents, deprivation diseases, heredity, diseases of unknown cause.

Elements of pathologoanatomy.

Inflammation, degeneration, atrophy, hypertrophy, hyperplasia, necrosis, ischemia, infarction, thrombosis, embolism, neoplasia.

Respiratory system diseases. Digestive system diseases. Kidney diseases. First aid, bandaging.

<b>COURSE TITLE</b>	<b>RHEUMATOLOGY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	2 <sup>nd</sup>

**COURSE DESCRIPTION:**

Inflammatory arthropathies. Degenerative arthropathies. Neurogenic arthropathies. Infectious arthropathies. Fibrositis.

<b>COURSE TITLE</b>	<b>MASSAGE TECHNIQUES I</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 (Theory 1, Laboratory 2)</b>
<b>ACADEMIC SEMESTER</b>	<b>2<sup>nd</sup></b>

**COURSE DESCRIPTION:**

General part. Effects of massage. Types. Practical applications.

<b>COURSE TITLE</b>	<b>PHYSICAL EDUCATION I</b>
<b>COURSE TYPE</b>	<b>Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 Laboratory</b>
<b>ACADEMIC SEMESTER</b>	<b>2<sup>nd</sup></b>

**COURSE DESCRIPTION:**

Students' exercise. Group programs. Sports.

<b>COURSE TITLE</b>	<b>FOREIGN LANGUAGE I</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 (Theory 2, Laboratory 1)</b>
<b>ACADEMIC SEMESTER</b>	<b>2<sup>nd</sup></b>

**COURSE DESCRIPTION:**

Grammar, use of words. Effective verbal communication. Developing reading and writing capacity.

### 3<sup>rd</sup> SEMESTER

	3 <sup>rd</sup> Semester	C	Lect	Lab	Total
1.	Kinesiology III	M	2	2	4
2.	Neurology	M	4		4
3.	Pathophysiology	M	2		2
4.	Nosology II	M	2		2
5.	Physiotherapy IC	M	2	4	6
6.	Physiotherapy IIC	M	2	4	6
7.	Physiotherapy IIIC	M	2	3	5
8.	Massage Techniques II	M		2	2
9.	Physical Medicine and Rehabilitation I	M	3		3
10.	Foreign Language II	M	2	1	3
	<b>Total Semester Hours</b>		<b>21</b>	<b>16</b>	<b>37</b>

COURSE TITLE	KINESIOLOGY III
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 2, Laboratory 2)
ACADEMIC SEMESTER	3 <sup>rd</sup>

#### COURSE DESCRIPTION:

Lower limbs. Kinesiological applications. Injury prevention. Motion analysis. Muscular control.

COURSE TITLE	NEUROLOGY
COURSE TYPE	Theoretical
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 Theory
ACADEMIC SEMESTER	3 <sup>rd</sup>

#### COURSE DESCRIPTION:

Introduction. General part. Evolution of the nervous system. Treatment principles. Hemiplegia - paraplegia – quadriplegia. Cerebral palsy. Brain – spinal cord traumas.

Peripheral nerve injuries. Tumors – neuritis – neuropathies. Special nervous problems.

<b>COURSE TITLE</b>	<b>PATHOPHYSIOLOGY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Pathophysiology of respiration. Pathophysiology of circulation.

<b>COURSE TITLE</b>	<b>NOSOLOGY II</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Circulatory system diseases. Urinary system diseases. Diabetes mellitus. Neoplasms. Gerontology. Elements of ENT – dermatology – obstetrics – gynecology.

<b>COURSE TITLE</b>	<b>PHYSIOTHERAPY IC</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	6 (Theory 2, Laboratory 4)
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Introduction to kinesiotherapy. Passive – active motion. Pendulum - Suspension motion. Resistance – assisted motion. Relaxation. Stretching. Joint mobility and measurement. Fracture healing.

<b>COURSE TITLE</b>	<b>PHYSIOTHERAPY IIC</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>6 (Theory 2, Laboratory 4)</b>
<b>ACADEMIC SEMESTER</b>	<b>3<sup>rd</sup></b>

**COURSE DESCRIPTION:**

Respiratory problems. Amputations – Protheses. Natural vaginal delivery. Paediatrics.

<b>COURSE TITLE</b>	<b>PHYSIOTHERAPY IIIC</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>5 (Theory 2, Laboratory 3)</b>
<b>ACADEMIC SEMESTER</b>	<b>3<sup>rd</sup></b>

**COURSE DESCRIPTION:**

Arthritis. Rheumatic Diseases. Geriatrics. Entertainment rehabilitation. Group exercise – games. Burns.

<b>COURSE TITLE</b>	<b>MASSAGE TECHNIQUES II</b>
<b>COURSE TYPE</b>	Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Laboratory
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Connective tissue massage. Reflexive massage – Zones. New techniques. Manipulation.

<b>COURSE TITLE</b>	<b>PHYSICAL MEDICINE AND REHABILITATION I</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Fractures – deformations of spine and limbs. Peripheral nerves. Respiratory problems. Amputations. Prostheses.

<b>COURSE TITLE</b>	<b>FOREIGN LANGUAGE II</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	3 (Theory 2, Laboratory 1)
<b>ACADEMIC SEMESTER</b>	3 <sup>rd</sup>

**COURSE DESCRIPTION:**

Grammar, use of words. Effective verbal communication. Developing reading and writing capacity.

## 4<sup>th</sup> SEMESTER

	4 <sup>th</sup> Semester	C	Lect	Lab	Total
1.	Exercise Physiology	M	2		2
2.	Specific Neurophysiology	M	2		2
3.	Hydro-Electrotherapy	M	2	6	8
4.	Physiotherapy ID	M	2	2	4
5.	Physiotherapy IID Rehabilitation of Neurological	M	2	2	4
6.	Diseases I	M	2	6	8
7.	Pediatrics	M	2		2
8.	Physical Medicine and Rehabilitation II	M	3		3
9.	Foreign Language III	M	2	1	3
10.	Elements of Radiology	M	2		2
	<b>Total Semester Hours</b>		<b>21</b>	<b>17</b>	<b>38</b>

COURSE TITLE	EXERCISE PHYSIOLOGY
COURSE TYPE	Theoretical
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	2 Theory
ACADEMIC SEMESTER	4 <sup>TH</sup>

### COURSE DESCRIPTION:

The effects of exercise on the neuromuscular, cardiovascular and respiratory system. The effects of exercise on healthy people and people with particular problems.

<b>COURSE TITLE</b>	<b>SPECIFIC NEUROPHYSIOLOGY</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Characteristics and functions of sensorimotor mechanisms. Their relation to the control of posture and motion. Proprioceptive Neuromuscular Facilitation. Psycho – thermal effect. Therapeutic applications. Mechanism of pain – interception.

<b>COURSE TITLE</b>	<b>HYDRO-ELECTROTHERAPY</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	8 (Theory 2, Laboratory 6)
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Thermotherapy – psychrotherapy. Baths – pools – exercises in water. Currents. Electromagnetic waves. Ultrasounds – vibrators. Laser. Other modalities and applications.

<b>COURSE TITLE</b>	<b>PHYSIOTHERAPY ID</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	4 (Theory 2, Laboratory 2)
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>



**COURSE DESCRIPTION:**

Deformation of spine. Deformation of limbs. Peripheral nerves. Neuritis – neuropathies.

<b>COURSE TITLE</b>	<b>PHYSIOTHERAPY IID</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>4 (Theory 2, Laboratory 2)</b>
<b>ACADEMIC SEMESTER</b>	<b>4<sup>th</sup></b>

**COURSE DESCRIPTION:**

Heart problems. Heart surgery. Circulatory problems. Intensive Care Unit. Common postoperative complications.

<b>COURSE TITLE</b>	<b>REHABILITATION OF NEUROLOGICAL DISEASES I</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>8 (Theory 2, Laboratory 6)</b>
<b>ACADEMIC SEMESTER</b>	<b>4<sup>th</sup></b>

**COURSE DESCRIPTION:**

Proprioceptive Neuromuscular Facilitation (PNF). Hemiplegia. Various methods (Bobath, Kabatt, etc.)

<b>COURSE TITLE</b>	<b>PEDIATRICS</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Growth – physique – environment – mental outlook. Genetics. Chronic diseases. Respiratory problems. Rheumatoid arthritis. Elements of cerebral palsy.

<b>COURSE TITLE</b>	<b>PHYSICAL MEDICINE AND REHABILITATION II</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	3 Theory
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Heart - Circulatory problems. Intensive Care Unit. Postoperative complications. Arthritis. Rheumatic Diseases. Geriatrics. Burns.

<b>COURSE TITLE</b>	<b>FOREIGN LANGUAGE III</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	3 (Theory 2, Laboratory 1)
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Grammar, use of words. Effective verbal communication. Developing reading and writing capacity.

<b>COURSE TITLE</b>	<b>ELEMENTS OF RADIOLOGY</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>2 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>4<sup>th</sup></b>

**COURSE DESCRIPTION:**

Introduction to Diagnostic Imaging, newer methods of imaging, characterization of X-rays, degenerative spine lesions, physiological radio-anatomy of pelvis and hips, shoulders and upper limbs, arteriography and venography, physiological radio anatomy of tibia and fibula, ankle and thorax. Cardiovascular system, digestive, genital and urinary system.

## 5<sup>th</sup> SEMESTER

	5 <sup>th</sup> Semester	C	Lect	Lab	Total
1.	Rehabilitation of Neurological Diseases II	M	2	4	6
2.	Physical Medicine and Rehabilitation III	M	2		2
3.	Clinical Placement I	M	4	24	28
4.	Foreign Language - Terminology	M	2	1	3
	<b>Total Semester Hours</b>		<b>10</b>	<b>29</b>	<b>39</b>

<b>COURSE TITLE</b>	Rehabilitation of Neurological Diseases II
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	6 (Theory 2, Laboratory 4)
<b>ACADEMIC SEMESTER</b>	5 <sup>th</sup>

### **COURSE DESCRIPTION:**

Paraplegia – quadriplegia. Self-service. Races for people with disabilities. Cerebral palsy. Multiple Sclerosis. Parkinsonism etc.

<b>COURSE TITLE</b>	<b>PHYSICAL MEDICINE AND REHABILITATION II</b>
<b>COURSE TYPE</b>	Theoretical
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	2 Theory
<b>ACADEMIC SEMESTER</b>	4 <sup>th</sup>

**COURSE DESCRIPTION:**

Heart - Circulatory problems. Intensive Care Unit. Postoperative complications. Arthritis. Rheumatic Diseases. Geriatrics. Burns.

<b>COURSE TITLE</b>	<b>CLINICAL PLCEMENT</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	28 (Theory 4, Laboratory 24)
<b>ACADEMIC SEMESTER</b>	5 <sup>th</sup>

**COURSE DESCRIPTION:**

Practical placement in hospitals.

<b>COURSE TITLE</b>	<b>FOREIGN LANGUAGE - TERMINOLOGY</b>
<b>COURSE TYPE</b>	Theoretical & Laboratory
<b>COURSE CATEGORY</b>	Mandatory (M)
<b>WEEKLY TEACHING HOURS</b>	3 (Theory 2, Laboratory 1)
<b>ACADEMIC SEMESTER</b>	5 <sup>th</sup>

**COURSE DESCRIPTION:**

Learning the foreign language with the terminology that is used by the physiotherapists in daily practice.

## 6<sup>th</sup> SEMESTER

	6 <sup>th</sup> Semester	C	Lect	Lab	Total
1.	Applied Physiotherapy	M	2	2	4
2.	Sports Medicine	M	2	2	4
3.	Clinical Placement II	M	4	22	26
4.	Graduates' Seminar	M	3		3
	<b>Total Semester Hours</b>		<b>11</b>	<b>26</b>	<b>37</b>

COURSE TITLE	APPLIED PHYSIOTHERAPY
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 2, Laboratory 2)
ACADEMIC SEMESTER	6 <sup>th</sup>

### COURSE DESCRIPTION:

Holistic management of clinical cases.

COURSE TITLE	SPORTS MEDICINE
COURSE TYPE	Theoretical & Laboratory
COURSE CATEGORY	Mandatory (M)
WEEKLY TEACHING HOURS	4 (Theory 2, Laboratory 2)
ACADEMIC SEMESTER	6 <sup>th</sup>

### COURSE DESCRIPTION:

Preparation of athletes. Performance maximization. Prevention of sport injuries. Doping control. Rehabilitation of sport injuries.

<b>COURSE TITLE</b>	<b>CLINICAL PLCEMENT</b>
<b>COURSE TYPE</b>	<b>Theoretical &amp; Laboratory</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>26 (Theory 4, Laboratory 22)</b>
<b>ACADEMIC SEMESTER</b>	<b>6<sup>th</sup></b>

**COURSE DESCRIPTION:**

Practical placement in hospitals.

<b>COURSE TITLE</b>	<b>GRADUATES' SEMINAR</b>
<b>COURSE TYPE</b>	<b>Theoretical</b>
<b>COURSE CATEGORY</b>	<b>Mandatory (M)</b>
<b>WEEKLY TEACHING HOURS</b>	<b>3 Theory</b>
<b>ACADEMIC SEMESTER</b>	<b>6<sup>th</sup></b>

**COURSE DESCRIPTION:**

The students that are in the last semester of studies have to work on and make an oral presentation of selected topics assigned to them. Following the presentation, a discussion and a Q&A session takes place with the participation of all students.

The timetable and the syllabus concern the core and core elective courses.

Apart from the above-mentioned courses, at least two hours of optional courses, determined by decision of the department and in accordance to the procedures that are defined by the Studies Regulation, are also included in the curriculum.

## 7<sup>th</sup> SEMESTER

	7 <sup>th</sup> Semester	C	Lect	Lab	Total
1.	Dissertation Practical Clinical	M			
2.	Placement	M			