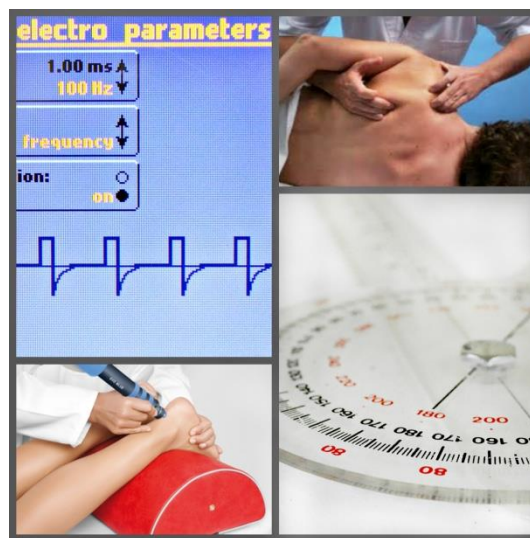


Technological Educational Institute of Athens (TEI-A)

Faculty of Health & Caring Professions

## Department of Physiotherapy



# CURRICULUM DESIGN

Athens, September 2013



## **CURRICULUM DESIGN**

Implementation: September 2013

### **COURSE CONTENT**

The courses of the Physiotherapy Department's curriculum cover the physiotherapeutic evaluation and rehabilitation of injuries, dysfunctions and lesions, both congenital and acquired, that cause disturbances to the skeletal, muscular, nervous, respiratory and cardiovascular systems. The basic aim and objective of the course curriculum is the development of critical thinking in the proper selection and application of the evidence based appropriate methods, techniques and means for the prevention, treatment and rehabilitation of the pathological conditions mentioned above. The pathological dysfunctions and disorders that physiotherapy addresses include orthopaedic, rheumatic, sport-associated, neurological, respiratory, cardiovascular, age-associated and other specific tissue disorders.

### **STUDY PLAN**

The duration of study in the Physiotherapy Department is eight (8) semesters. During the first seven (7) semesters the studies include theoretical classes, practical classes, laboratories, clinical exercises, writing research papers, and seminars. The eighth semester involves six months' (26 weeks, or a total of 1040 hours) supervised practical clinical placement in public hospitals and health institutions, culminating in the delivery of a dissertation.

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**Address: Mitrodorou 24, Athens 10441, GREECE**

**Admissions phone number: +302105385870**

**Fax: +302105385674**

**Webpage: <http://www.teiath.gr/seyp/physiotherapy/?lang=en>**

**e-mail: [teiaphysio@teiath.gr](mailto:teiaphysio@teiath.gr)**

	1 <sup>st</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Anatomy I	GC	M	3	2	5	N2-1010	6
2.	First Aid	GC	M	2	2	4	N2-1020	4
3.	Physiology	GC	M	3	2	5	N2-1030	6
4.	Computing in Health Sciences	AELH	M	3	-	3	N2-1040	4
5.	Kinesiology I	SC	M	3	2	5	N2-1050	6
6.	Biophysics	SC	M	3	-	3	N2-1060	4
	<b>Total</b>			<b>17</b>	<b>8</b>	<b>25</b>		<b>30</b>

	2 <sup>nd</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Anatomy II	GC	M	3	2	5	N2-2010	6
2.	Pathophysiology	GC	M	3	-	3	N2-2020	4
3.	Orthopaedics	GC	M	4	-	4	N2-2030	5
4.	Neurophysiology	GC	M	3	-	3	N2-2040	4
5.	Physical Agents in Physiotherapy	SC	M	3	2	5	N2-2050	5
6.	Kinesiology II	SC	M	3	2	5	N2-2060	6
	<b>Total</b>			<b>19</b>	<b>6</b>	<b>25</b>		<b>30</b>

	3 <sup>rd</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Massage Techniques	SC	M	3	2	5	N2-3010	5
2.	Methods and Techniques of Neuromuscular Re-education	S	M	3	2	5	N2-3020	5
3.	Neurology	GC	M	3	-	3	N2-3030	5
4.	Kinesiotherapy	S	M	3	2	5	N2-3040	5
5.	Electrotherapy	S	M	3	2	5	N2-3050	5
6.	Pathology	GC	M	3	-	3	N2-3060	5
	<b>Total</b>			<b>18</b>	<b>8</b>	<b>26</b>		<b>30</b>

	4 <sup>th</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Physiotherapy in Adult Neurological Disorders and Diseases	S	M	3	2	5	N2-4010	6
2.	Clinical Exercise Physiology	SC	M	3	-	3	N2-4020	4
3.	Biomechanics - Ergonomics	SC	M	3	2	5	N2-4030	5
4.	Respiratory Physiotherapy	S	M	3	2	5	N2-4040	5
5.	Assessment in Physiotherapy – Clinical Reasoning	S	M	3	-	3	N2-4050	5
6.	Physiotherapy in Musculoskeletal Injuries	S	M	3	2	5	N2-4060	5
	<b>Total</b>			<b>18</b>	<b>8</b>	<b>26</b>		<b>30</b>

	5 <sup>th</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Research Methods in Physiotherapy	SC	M	2	2	4	N2-5010	5
2.	Physiotherapy in Musculoskeletal Pathology and Diseases	S	M	3	2	5	N2-5020	6
3.	Physiotherapy in Cardiovascular Diseases	S	M	3	2	5	N2-5030	6
4.	Clinical Placement: Physiotherapy in Cardio-Respiratory Diseases	S	M	3	8	11	N2-5040	9
5a	Biostatistics	SC	E	2	-	2	N2-5A10	4
5b	Pharmacology	SC					N2-5B10	
	<b>Total</b>			<b>13</b>	<b>14</b>	<b>27</b>		<b>30</b>

	6 <sup>th</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Physiotherapy in Specific Population Groups	S	M	3	2	5	N2-6010	6
2.	English Language – Medical Terminology	AELH	M	3	-	3	N2-6020	5
3.	Physiotherapy in Neurological Pediatric Disorders and Diseases	S	M	3	2	5	N2-6030	6
4.	Clinical Placement: Physiotherapy in Musculoskeletal Injuries and Disorders	S	M	3	8	11	N2-6040	9
5a	Ethics in Physiotherapy	SC	E	2	-	2	N2-6A10	4
5b	Health Psychology	AELH					N2-6B10	
	<b>Total</b>			14	12	26		30

	7 <sup>th</sup> Semester	CC		Lec	Pract	Total	Code	ECTS
1.	Adapted Physical Activity	SC	M	3	2	5	N2-7010	5
2.	Physiotherapy in Sports	S	M	3	2	5	N2-7020	6
3.	Mobilisation and Manipulation Techniques	S	M	2	2	4	N2-7030	6
4.	Clinical Placement: Physiotherapy in Neurological Disorders and Diseases	S	M	3	8	11	N2-7040	9
5a	Surgery	GC	E	2		2	N2-7A10	4
5b	Diagnostic Imaging	SC					N2-7B10	
	<b>Total</b>			13	14	27		30

**Note:**

From the six elective courses offered in the 5<sup>th</sup> (5a, 5b), 6<sup>th</sup> (5a, 5b) and 7<sup>th</sup> (5a, 5b) semesters, the students must complete four.

	8 <sup>th</sup> Semester						Code	ECTS
1.	Dissertation						500	20
2.	Practical Clinical Placement						250	10
	Total						750	30

## Abbreviations

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**CC** = Course Category [**AELH**=Administration, Economics, Legislation and Humanities modules, **GC**=General Core Courses, **SC**=Special Core Courses, **S**=Specialty Courses]

**E** = Elective Courses, **M** = Mandatory Courses

**Lec** = Lecture hours per week

**Pract** = Laboratory hours per week

### Contact:

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