



UNIVERSITY OF  
**PATRAS**  
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ



**UNIVERSITY OF PATRAS**  
**SCHOOL OF HEALTH REHABILITATION SCIENCES**  
**DEPARTMENT OF PHYSIOTHERAPY**

**PHYSIOTHERAPY CURRICULUM**

**Academic Year 2023-2024**



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**DEPARTMENT OF PHYSIOTHERAPY**  
**PHYSIOTHERAPY CURRICULUM**  
**Academic Year 2023-2024**



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## Foreword

Welcome to the Guide of Studies of the Physiotherapy Department of the School of Health Rehabilitation Sciences of the University of Patras.

The Department of Physiotherapy, which is based in the University of Patras Campus in Rio, started its function as a University Tertiary Education Institute from the academic year 2019-2020. The Department runs an undergraduate programme of studies (UPS) of 4 years duration, 240 credits (ECTS), which is in line with the requirements of the official Physiotherapy Associations of all European or International developed countries.

The science of Physiotherapy serves the prevention, improvement and rehabilitation of pathological conditions, congenital or acquired, as well as any injuries/lesions resulting in dysfunctions of the skeletal, muscular, nervous, respiratory and cardiovascular system. Physiotherapists perform an evidence-based assessment of clinical, psychosomatic and functional impairments, and through a clinical reasoning process they hierarchy, organize and implement a targeted rehabilitation. To achieve this, physiotherapists use therapeutic means such as special manipulative approaches and techniques, physical means, therapeutic exercises, and well documented guidelines for patients of all ages.

The current guide provides a full picture of the speciality of Physiotherapy and the special characteristics of this programme of studies. In particular, in this Guide the aims of the programme, the content of the studies, the detailed outline of each module, the learning objectives and way of teaching and evaluating of each module are described, as well as all educational procedures (e.g. working out a dissertation etc). Additionally, the laboratory, research and material/devices infrastructure of the Department are described in this Guide.

The contributors of this guide and all teaching staff, wish to the students of the Department of Physiotherapy to have prosperous studies and to promote the science and the profession of Physiotherapy with wisdom, ethos and always in consideration of offering to the patient!!!

Yours sincerely

The academic team of the Department

## **Introduction**

The current Guide of Studies (GS) primarily aims at informing all the students of the Department of Physiotherapy about their studies and the services of the Department.

The programme of Physiotherapy consists of 4 academic years and has the objective to promote knowledge and research development through high level university education. At the same time, basic philosophy of the studies is to provide full and well documented theoretical knowledge and practical skills; both are equally important for a professional recognition in the field of Physiotherapy. Providing high level training, according to the International advancements and requirements, promotes the science of Physiotherapy and shapes professionals able to make a career in an International environment.

Additionally, the Department of Physiotherapy of the University of Patras, received recently an academic certification for the Undergraduate Studies Programme of the Department by the Hellenic Authority for Higher Education (HAHE), thus ensuring the quality of the studies it offers to its students.

Thus, the current GS presents the general principles and the mission of the Department, its academic composition, and information about studying, teaching and examinations. The student can find available choices to succeed in his/her studies, and can get information regarding admittance, teaching staff, research and academic objectives of the department, evaluation (exams) periods, clinical placements and clinical practice, and Thesis. Additionally, the content, evaluation mode, work load, and credits based on the ECTS/European Credit Transfer System for each module of study are described.

### **Editorial Team**

Dr. Sofia A. Xergia, Dr. Theofani Bania, Dr. Lampropoulou Sofia, Dr Billis Evdokia, Dr Tsepis Elias

# PART 1

## GENERAL INFORMATION



## The Department of Physiotherapy of the University of Patras

The Department of Physiotherapy of the School of Health Rehabilitation of the University of Patras ([Department of Physiotherapy, University of Patras \(upatras.gr\)](http://Department of Physiotherapy, University of Patras (upatras.gr))) is a development of the Department of Physiotherapy of the previous TEI of Western Greece according to the law 4610/07-05-2019 “Synergies of Universities and T.E.I.s, access to tertiary education, experimental schools, General Files of the State and other regulations”.

The Higher Education Institute of the University of Patras, in which the Department of Physiotherapy now belongs, runs since 1966 (Decree 4425/11-11-1966) based on a number of principles with emphasis on the principle of freedom of teaching and research conduction, free expression of ideas, respect of the rights of the Academic members, justice, transparency, equality and meritocracy, without distinctions related to gender, religion or ideology. The emblem of the University is St. Andreas the Apostle as established by the Presidential Decree 336/1975 (ΦΕΚ 99Α).

The University constitutes of the Schools, Departments, Sectors and Laboratories, Study rooms and Clinics. The academic functions of the Institute are performed by institutionalised personnel, according to the regulations in force. The Administrative personnel of the University are divided in collective (Senate, Deputy Board, General Assembly, Deanery, General Assembly of the Department, Administrative council of the Department, General Assembly of the Sector) and one-member (Rector, Vice Rectors, Deans of Schools, Heads of Departments, Sector Directors, as well as Laboratories, Study-rooms, Clinics and Museum Directors) (ΦΕΚ 1062/14-07-2004).

### Mission and Vision of the Department of Physiotherapy

Functioning in a University academic environment and based on the principles of the University of Patras, the mission of the Department of Physiotherapy is in line with the mission of the Institute to transfer knowledge with teaching and research, to form responsible citizens with scientific, social and political consciousness by providing them with the necessary equipment for excellent, scientific and professional training and development and to contribute to the needs of continuous training and education. Taking into account the dynamics of the academic staff of the Department, the Department aims to improve its academic and research activities. At the same time, as a self-sufficient department, aims at organizing all cycles of studies (undergraduate, post-graduate and doctoral programmes of studies) and at co-existing with other Departments and scientists of the University for development, extroversion, and inter-disciplinary co-operations.

**The mission of the Department** is the promotion, development and transmission of knowledge to the profession and science of Physical Therapy, via appropriate theoretical teaching, wider laboratory and practical modules and applied research; so that the students and graduates are equipped with the necessary knowledge and skills to ensure a thorough training for their scientific and professional career and development.



Within the scope of its mission, the Department of Physiotherapy:

- Follows the international advancements in the scientific, educational and professional fields.
- Develops co-operations with Higher Education Institutes Nationally and Internationally.
- Conducts applied research in the field of Physiotherapy.
- Co-operates with production units, work administrators, who are associated with the study content.
- Uses state-of-the-art technologies in education.
- Helps the students to develop adequate abilities and skills to make them confident and competitive in a national and international environment.
- Follows all developments and changes (educational, financial and social) nationally and internationally in the content of Physiotherapy studies.
- Is always alert to analyse, accept and incorporate new points of view so as to assure and improve the quality of studies within the Department.

The **vision of the Department** consists of five inter-dependent aspects:

1. To provide high level education in all sectors of Physiotherapy, by following all modern developments and advancements of the science Internationally
2. To provide and conduct high level laboratory and clinical research in all sectors of the Department
3. To provide high level services for the students
4. To run 2<sup>nd</sup> (post-graduate) and 3<sup>rd</sup> (doctoral) cycle of studies in Physiotherapy
5. The connection and co-operation of the Department with local organisations

### Strategic objectives of the Department

The strategic objectives of the Department are relevant to its Mission and Vision and refer to three aspects: Education, Research and Interconnection with the Society-Extroversion. These aims are succinctly presented:

- Certification of the undergraduate programme of studies and continuous quality assurance of all the services of the Department
- Decrease the teacher/student ratio to improve the quality of education provided
- Enhancement of supportive human resources of the Department such as technical and special teaching staff
- To immediately run a 2nd and 3rd cycle of studies in the Department, with an aim to improve the educational process and to produce high level research
- Claim of national and international research projects
- Develop lifelong educational programmes
- Promote the extroversion of the Department by co-operating with other Education Institutes of Greece and abroad

- Strengthening of the interconnection activities with the social-economic environment, by co-operating with productive organisations and possibilities for professional settling down of our graduates
- Offering of physiotherapy services to special populations through co-operations with health organisations and research programmes
- Improvement of our buildings and upgrade of the laboratory and research equipment and of the library of the Department

### Expected Learning Objectives for graduates

After the completion of their studies, the graduates will:

- have acquired the necessary scientific background of the Health and Rehabilitation Sciences
- familiarize themselves with approaching various types of patients according to the criteria of bioethics as well as with developing a patient-physiotherapist relationship
- evaluate a wide range of diseases and injuries using recent scientific evidence and developing their critical thinking to be able to choose the most appropriate therapies and methods of Physiotherapy
- conduct a properly structured physical examination based on the history of the disease and the most recent scientific data, select reliable and valid tools of assessment, and are based on clinical reasoning to design a comprehensive intervention programme
- recognize and understand the influence of predisposing and aggravating factors on various diseases
- rehabilitate the patient, following a thorough physiotherapeutic evaluation, using the most
- efficient, appropriate and safest methods
- are aware of the way of function of health units where patients with musculoskeletal, neurological, cardiopulmonary, etc. are hospitalized, of diseases and injuries, and of the role of each health professional in the interdisciplinary rehabilitation team
- evaluate research and recent literature regarding the patient rehabilitation in order to adapt their physiotherapeutic intervention



## Administrative Structure of the Department of Physiotherapy

### Head of the Department

The Department of Physiotherapy and due to its incorporation with the University of Patras runs with a temporary Head and Board of the Department. When the new academic year 2019-2020 will start the regular Head and Board of the Department will start their services.

### Academic staff

The core of the teaching staff (see below) consists of physiotherapists and other health professionals with permanent contracts, elected from a body of electors from the Ministry of Education. The rest of the teaching staff are educators (mostly academic collaborative staff with a contract), contracted on a yearly basis, the majority of whom are also physiotherapists, while and some of them are educators of other health professionals. More information about the academic staff of the Department of Physiotherapy is presented in the website of the Department along with the CVs and information about the academic and research work of the staff.

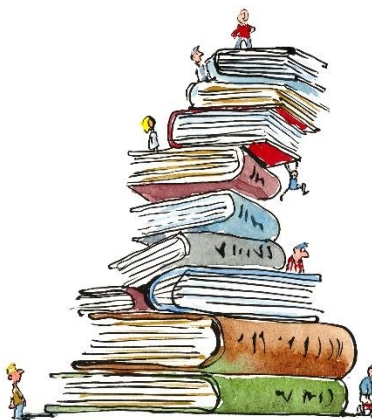
### Permanent Academic staff

- **Dr Tsepis Elias**, Professor of Physiotherapy, MSc, PhD in Sports Physiotherapy. (Email: [tsepis@upatras.gr](mailto:tsepis@upatras.gr))
- **Dr Koutsogiannis Konstantinos**, Professor of the Dept. of Physiotherapy, PhD in Medical Physics. (Email: [ckoutsog@upatras.gr](mailto:ckoutsog@upatras.gr))
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## Facilities – Laboratory Equipment of the Department of Physiotherapy

The building facilities of the Department are located in the city of Aigio, (6 Psaron Str., Myrtia, Aigio, PC 25100). The facilities consist of:

- 9 laboratory rooms of Physiotherapy education and research (Anatomy, Human Assessment & Rehabilitation, Kinesiology, Massage Techniques, Neurorehabilitation, Kinesiotherapy, Physical Means-Applied Electrotherapy, Therapeutic Exercise, and Clinical Rehabilitation)
- Computer lab
- 3 lecture rooms
- Two additional institutionalised Clinical Laboratories, a) Laboratory of Therapeutic Exercise and Sports Rehabilitation (LTESR), (FEK 3603 / τ. Β' /29-08-2020) [Laboratory of Therapeutic Exercise and Sports Rehabilitation \(LTESR\) – Department of Physiotherapy, University of Patras \(upatras.gr\)](http://upatras.gr) & b) Laboratory of Clinical Physiotherapy and Research (CPR lab), (FEK 3604 / τ.Β' /29-08-2020) [Laboratory of Clinical Physiotherapy and Research \(CPR lab\) – Department of Physiotherapy, University of Patras \(upatras.gr\)](http://upatras.gr)
- Library
- Amphitheatre “Polykentro” (although it belongs to the municipality of Aigialeia (Aigio), it is used by the Department for all official ceremonies and activities)
- In addition, part of the Department is also the student restaurant, which is located in another building, in the city of Aigio. Following photographs are presented of the afore-mentioned places.

### Physiotherapy Laboratories & other places:

1. Anatomy Lab



2. Human Assessment & Rehabilitation Lab



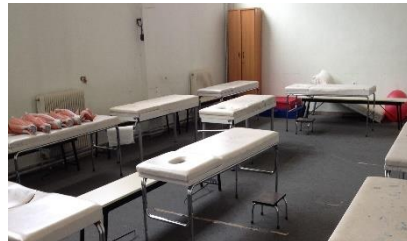
3. Physical Means-  
Applied Electrotherapy Lab



4. Kinesiotherapy Lab



5. Kinesiology Lab



6. Massage Techniques Lab



7. Neurorehabilitation Lab



8. Therapeutic exercise Lab



9. Clinical Physiotherapy Lab





**Computer Lab**



**Lecture room**



**Library**



**Amphitheatre “Polykentro”**



**Student Restaurant**



## Laboratory & Scientific equipment

The laboratory equipment of the Department of Physical Therapy is new, modern, quite sophisticated with several scientific measurement tools, such as:

- ❖ Opto-electronic (3D) Motion (Gait) Analysis System
- ❖ Isokinetic Dynamometer (Biodex, SystemIII)
- ❖ Floor Ergometer (Preco)
- ❖ Foot Scanner System (Novel-EMED)
- ❖ Diagnostic Ultrasound
- ❖ Cyclo-ergometers
- ❖ Balance Platform
- ❖ Modern physiotherapy clinic equipment
- ❖ Walking Aids
- ❖ Exercise equipment (free weights, exercise balls, mats etc.)



## Teaching facilities

Teaching facilities covering the teaching needs in the lecture rooms mainly are:

- ❖ Computers, LCD Projectors, Electronic tables, Televisions-Videos, Presentation (power point) system etc.





# **PART 2**

## **STUDIES PROCEDURES & STRUCTURES**



## Studies Procedures

### Academic Year

The academic year consists of two academic semesters (winter and spring), with each semester of 13 full weeks of teaching and 4 weeks of examinations. Each academic year starts 1<sup>st</sup> of September and finishes 31<sup>st</sup> of August. At the beginning of each academic year the academic calendar is announced in the official website of the Department.

Lectures, laboratories, clinics, exercise tutorials and educational countryside exercises are not performed the following dates (FEK 1062/14-07-2004):

- 28 October
- 17 November
- 30 November
- Christmas Holidays (from 24 December to 6 January)
- 30 January
- Ash Monday
- 25 March
- Easter Holidays
- 1<sup>st</sup> May
- Holy Spirit Day
- Students elections day

Courses examinations are conducted during the working days of January-February, June and September. The last, for each academic year, a four-week period due to special educational needs and recurrent examinations of the winter and spring semester courses may start on the second Monday after August 15<sup>th</sup>.

### Student Registration

Students registration takes place at the beginning of each semester. A student registered in the Physiotherapy Department of the University of Patras cannot simultaneously be registered in another higher education institute unless he / she belongs to a special mobility program.

When registering, students at the beginning of each semester also choose the courses they will attend during the semester. The total number of weekly hours attended by each student in each semester is between 19-25 hours, depending on the semester (with the exception of the last, 8<sup>th</sup> semester of studies, which includes the course of Clinical Practice in Physiotherapy). The student must be aware that he / she cannot choose a course if he / she has unsuccessfully attended its prerequisites. He / she also has the option to choose additional courses, which he / she has attended but has not been successfully examined (see Declaration Rules below). For detailed information for the student, direct e-

class registration is required in the e-class platform of the course. In the online platform, the student has access to the lesson material and additional material posed by the teacher.

A student who does not renew his/her registration in a course cannot participate in the examinations of the course. Students who have not registered in a course or have a late registration are not permitted to take the examinations of the course and, if they have attended the course, their performance is not scored (Government Gazette 220 / 03-11-2008).

The curriculum is implemented at the premises of the Department in Aigio, while the clinical practice courses take place at State Hospitals, Rehabilitation Centers and other Structures (eg KAPI, nursing homes) in the local area. It is possible, with appropriate scheduling, that English courses be held at the central facilities of the University of Patras.

### Course Registration Rules

The total number of the programme courses is fifty-four (54), and involves two categories of courses, Mandatory Courses (38 courses) and Optional Courses (16 courses). Mandatory courses must be successfully attended by all students, while from the total of 16 Optional Courses, the student is required to register and complete 7 or 8 courses (depending on if he / she chooses the Thesis or the 2 courses instead of the Thesis in the last semester of studies).

In the 1<sup>st</sup> semester the students choose all available courses, a total of 30 Credit Units (ECTS ), which are listed in the curriculum.

Students are required at the beginning of each semester to register in courses totaling 30 credits corresponding to their semesters. They can also register in courses in which the students have failed, with a total number of additional ECTS up to 30. Obligatory, the course registration will begin with the courses of the smaller semesters in which the student has not been successfully examined (eg. if a student has to register in courses of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> semesters of studies, he / she is required to firstly register in the courses of the 1<sup>st</sup> semester, which he / she owes, after the 2<sup>nd</sup> and so on, up to the maximum number of ECTS he / she is entitled to.

In the 2<sup>nd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, & 7<sup>th</sup> semester, the student chooses Optional Courses corresponding to his/her semester (winter or spring) up to the number of 30 ECTS required.

In the 8<sup>th</sup> semester, the student has the possibility to choose the Thesis or the 2 courses instead of the Thesis.

For the courses registration it is obligatory to follow the interdependency of courses (i.e. prerequisites of courses) that are in detail presented in Table 6 of Part 2 of the current Studies Guide.

To register in "Clinical Practice in Physiotherapy" it is obligatory to successfully attend Skills Development courses up to the 7<sup>th</sup> semester (see Table 5 Part 2 of this guide).

In particular, for each semester, students should register in:

- **1<sup>st</sup> Semester:**

Mandatory Courses of 1 <sup>st</sup> semester:	30 ECTS
TOTAL:	30 ECTS
- **2<sup>nd</sup> Semester:**

Mandatory Courses of 2 <sup>nd</sup> semester:	26 ECTS
One (1) Optional Winter Module:	4 ECTS
TOTAL:	30 ECTS
- **3<sup>rd</sup> Semester:**

Mandatory Courses of 3 <sup>rd</sup> semester:	30 ECTS
Mandatory Courses of 1 <sup>st</sup> semester:	30 ECTS
TOTAL:	60 ECTS
- **4<sup>th</sup> Semester:**

Mandatory Courses of 4 <sup>th</sup> semester:	26 ECTS
One (1) Optional Spring Module:	4 ECTS
Mandatory Courses of 2 <sup>nd</sup> semester:	30 ECTS
TOTAL:	60 ECTS
- **5<sup>th</sup> Semester:**

Mandatory Courses of 5 <sup>th</sup> semester:	22 ECTS
Two (2) Optional Spring Modules:	8 ECTS (4+4)
Mandatory Courses of 1 <sup>st</sup> & 3 <sup>rd</sup> semester:	30 ECTS
TOTAL:	60 ECTS
- **6<sup>th</sup> Semester:**

Mandatory Courses of 6 <sup>th</sup> semester:	26 ECTS
One (1) Optional Spring Module:	4 ECTS
Mandatory Courses of 2 <sup>nd</sup> & 4 <sup>th</sup> semester:	30 ECTS
TOTAL:	60 ECTS
- **7<sup>th</sup> Semester:**

Mandatory Courses of 7 <sup>th</sup> semester:	26 ECTS
One (1) Optional Winter Module:	4 ECTS
Mandatory Courses of 1 <sup>st</sup> , 3 <sup>th</sup> & 5 <sup>th</sup> semester:	30 ECTS
TOTAL:	60 ECTS
- **8<sup>th</sup> Semester:**

Mandatory Courses of 8 <sup>th</sup> semester:	22 ECTS
Either Thesis or two (2) other Optional Spring Modules:	8 ECTS
Mandatory Courses of 2 <sup>nd</sup> , 4 <sup>th</sup> & 6 <sup>th</sup> semester:	30 ECTS
TOTAL:	60 ECTS

## Course Evaluation and Examination Rules

Students are allowed to take examinations during the months of January-February and June only for the corresponding semesters (winter-spring) courses, while the examinations of September can include courses of both semesters. The more general regulations and functions other than this guide are governed by the regulations of the University of Patras (Government Gazette 1062 / 14-07-2004) as well as by the legislation in force and may be subject to minor changes.

Examination material is announced at the beginning of the semester and cannot be reduced for any reason. Examinations are provided by the instructor, who also answers any questions related to them. Students can use books or notes during the examination, if is allowed by the instructor. The instructor may, at his discretion, organize written or oral exams or also laboratory exercises. The duration of the final examination of the theoretical part of the course is 2 hours. The assessment of the laboratory part of the courses takes place on a daily basis. In addition to the daily evaluation, mid-term and final official laboratory assessment is carried out at the end of the semester. Further information is provided on the outline of each course (below).

During the examinations, (i) smoking in the room by students and supervisors (ii) communication between students without the authorization of supervisors; (iii) the use of mobile phones or other means of communication is not allowed. The supervisor has the right and the obligation to make comments to those students who do not adhere to the examination rules, to change their position in case of relapse and to report to the instructor any refusal to comply with his instructions. Any effort to cheat during the examination and education process from any student, beyond scoring zero, is a heavy disciplinary offense.



## Courses Evaluation

Performance in courses grades, given, range from zero (0) to ten (10), with increments of an integer or half a unit. Successive grades are 5 or over. By successfully passing the theoretical and laboratory part of the course, students are awarded with the ECTS of corresponding course. The final grade in a mixed course (Possible part of a course: Lecture/ Laboratory Exercise/ Tutorial/ Clinical Practice) is single and is provided after a successful assessment (based on "5") in all parts of the course. The participation rate of each part of the course is provided detailed in each Course Outline. Examination of the theoretical part of the course requires to successfully have passed the Laboratory Exercise Examination or Clinical Practice Examination.

If the student has not successfully passed a course, he/she is obliged to repeat it or, if the course is an optional one, may replace it with another optional course. If a course consists of a theoretical and practical part (Laboratory Exercise/Clinical Practice) and the student has successfully passed the practical part but failed the theoretical part, then the grade of the practical part is validated and the practical part is not repeated.



## Graduation Rules

Requirements for obtaining a degree are the successful attendance of all 8 semesters, the successful attendance of the mandatory courses (38 courses) as well as of optional courses up to the completion of at least 240 units of ECTS credits. In particular, out of a total of 16 Optional Courses, the student is required to register and complete 7 or 8 courses (depending on whether he / she has chosen a Thesis or 2 courses instead of the Thesis at the last semester).

Total Courses:	240 ECTS
Total Mandatory Courses:	208 ECTS
Total Optional Courses:	32 ECTS
Total Mandatory Courses 1 <sup>st</sup> Semester:	30 ECTS
Total Mandatory Courses 2 <sup>nd</sup> Semester:	26 ECTS
Total Optional Courses 2 <sup>nd</sup> Semester:	4 ECTS
Total Mandatory Courses 3 <sup>rd</sup> Semester:	30 ECTS
Total Mandatory Courses 4 <sup>th</sup> Semester:	26 ECTS
Total Optional Courses 4 <sup>th</sup> Semester:	4 ECTS
Total Mandatory Courses 5 <sup>th</sup> Semester:	22 ECTS
Total Optional Courses 5 <sup>th</sup> Semester:	8 ECTS
Total Mandatory Courses 6 <sup>th</sup> Semester:	26 ECTS
Total Optional Courses 6 <sup>th</sup> Semester:	4 ECTS
Total Mandatory Courses 7 <sup>th</sup> Semester:	26 ECTS
Total Optional Courses 7 <sup>th</sup> Semester:	4 ECTS
Total Mandatory Courses 8 <sup>th</sup> Semester:	22 ECTS
Total Optional Courses 8 <sup>th</sup> Semester:	8 ECTS
Total Courses of 1 <sup>st</sup> Semester:	30 ECTS
Total Courses of 2 <sup>nd</sup> Semester:	30 ECTS
Total Courses of 3 <sup>rd</sup> Semester:	30 ECTS
Total Courses of 4 <sup>th</sup> Semester:	30 ECTS
Total Courses of 5 <sup>th</sup> Semester:	30 ECTS
Total Courses of 6 <sup>th</sup> Semester:	30 ECTS
Total Courses of 7 <sup>th</sup> Semester:	30 ECTS
Total Courses of 8 <sup>th</sup> Semester:	30 ECTS

The degree certifies the successful completion of the student's studies and indicates a grade that can also include decimals. This grade is as follows:

- **Excellent** from 8.50 to 10
- **Very Good** from 6.50 to 8.49
- **Good** from 5.00 to 6.49

The student becomes a graduate with the completion of his/her studies and before the award of his / her degree, that is, the student takes his / her degree from the date in which he/she has passed the last course provided that he/she has accumulated the number of credits required by the programme (240 ECTS).

### Description of the physical therapy graduates & laws of professional conduct

Physiotherapy graduates are automatically accepted as members of the Panhellenic Physical Therapy Association, which in turn, is an active member of the World Confederation for Physical Therapy (WCPT) as well as the European one (EU-WCPT).

The graduates of the Department of Physical Therapy at University of Patras are professionally referred to as “Physiotherapists” or “Physical Therapists” and on completion of their studies, they will have acquired the necessary scientific background and clinical knowledge, abilities and skills in order to safely and independently perform physiotherapy assessment and treatment, focusing on the prevention, improvement and rehabilitation of all pathological conditions, as well as traumatic injuries, causing dysfunction to the skeletal, muscular, nervous, respiratory and cardiac systems. More specifically, the graduate of the Department is capable of proceeding with his/her physiotherapeutic treatment approach following written referral form from the doctor.

More explicitly he/she can:

- ✓ Rehabilitate the patient, following a thorough physiotherapeutic evaluation, utilising the most efficient, appropriate and safest special means, methods and techniques, such as kinesiotherapy, manual therapy, thermotherapy and cryotherapy, electrical stimulation, biofeedback and other electrotherapeutic modalities, pain relief, ergonomic re-education of the patient and methods to enhance neuromusculoskeletal’s system functional ability.
- ✓ Evaluate the progress of the patient’s condition and change the patient’s rehabilitation programme accordingly.
- ✓ Plan and implement research programmes, which promote the science of Physical Therapy.
- ✓ Study, plan and implement preventative and rehabilitation programmes for various disorders to individuals, groups, communities, schools and professional fields.
- ✓ Apply the rules of ethics within the Physical Therapy field.
- ✓ Train and support the patient and the patient’s family, aiming to achieve the patient’s functional independence.

The graduate physical therapists are entitled to work as:

- ✓ Executives of the State or within the wider public sector in accordance with any provisions that are in effect at the time.

- ✓ Executives of the private sector, as an employee or with other work relations.
- ✓ Free-lance professionals at a private physiotherapy clinic or the patient's home.
- ✓ Open a private clinic or physiotherapy centre under the provisions of the law.

The **professional rights of physical therapists graduating** from Physical Therapy Departments of Universities' establishments follow the rules of the state (Presidential Decree 90/95, FEK 53/08-03-95). Additionally, as previously indicated physical therapy graduates can become registered members of the Panhellenic Physical Therapy Association, which is the official independent and regulatory body for setting and maintaining standards of professional training of physical therapists within Greece (Law 3599/2007). All registered members are also recognized from WCPT and EU-WCPT.

## Design and Structure of the Curriculum

### Formation of the Physiotherapy Curriculum

The curriculum covers the field of Physiotherapy, aiming at the prevention, improvement and rehabilitation of pathological, congenital, and acquired and traumatic lesions that result in disorders of the back, muscular, nervous, respiratory and cardiovascular system.

Due the merge of TEI with the Universities (Law 4610/2019) in 2019, the curriculum has been reformatted according to the Law 4610/2019, Law 4521/2018 & 4009/2011. The new programme of the Physiotherapy Department of the University of Patras has been approved unanimously by the General Assembly of the Department and by the Senate (approval no. 86/20016, number 2/24-6-2019) and start the academic year 2019-2020. As mentioned before, the mission of the Department of Physiotherapy is to transfer knowledge with teaching and research, to form responsible citizens with scientific, social and political awareness, to provide them with the necessary scientific and professional training and development and to contribute to the needs of continuous training and education.

Additionally, the Undergraduate Studies Programme of the Department of Physiotherapy of the University of Patras, received recently an **academic certification by the Hellenic Authority for Higher Education (HAHE)**, (protocol no: 31124/16-12-2022), and received by the HAHE committee the highest rating (*'fully compliant'*) in all 12 parts of the assessment. Parts of the assessment were: i) strategic programming, feasibility and viability of the academic unit, ii) quality policy of the Institute, iii) planning and monitoring of the quality of the new Undergraduate Studies Programme, iv) student-centered learning in teaching, v) recognition of academic qualifications and award of diplomas and certificates of skills, vi) ensuring the competence and high quality of teaching staff, vii) student support learning resources and services, viii) collection, analysis and use of information, ix) public information, x) periodic internal evaluation of the new Undergraduate Studies Programme, xi) external evaluation of the new Undergraduate Studies Programme, and xii) monitoring the transition from previous curricula to the new programme.





## Quality Assurance Systems and Review Procedures of the Curriculum

The evaluation and the planning (facilities, infrastructure, students, graduates, tutors and generally all of its functions and achievements) of the Physiotherapy Programme of the Department is supported by the following committees:

**(a) Undergraduate Studies Programme Committee:**

It is composed of Academic Members and recommends to the Assembly of the Department any changes to improve all the required procedures of the Undergraduate Physiotherapy Programme.

**(b) Internal Evaluation Committee:**

It is composed of Academic Members and uses resources:

- External Evaluation Reports of the Department and other associated Departments of Greece or abroad,
- The annual internal evaluation reports of the Department
- The guidelines of the World Confederation for Physical Therapy (WCPT) (<https://www.wcpt.org/education/Entry-level-physical-therapy-education-programmes>), and the European Department of the WCPT (ER-WCPT), concerning the Physiotherapy Studies Programme (<http://www.erwcpt.eu/education>),
- The advancements of the science of Physiotherapy
- The reports of graduates, associated scientific organizations and associations, employer related to physiotherapy and other healthcare professions regarding learning objectives.

The Department is obliged to perform and present an Annual Self-Evaluation (internal) Report assessing its facilities, infrastructure, students, graduates, tutors and generally all of its functions and achievements each year. Following 2 years, a more detailed self-evaluation report is synthesized in one document, the “Internal Evaluation” report, which additionally includes all the strategies that need to be implemented and is sent to the Ministry of Education; where a specialized committee for quality assurance in higher education (Hellenic Quality Assurance & Accredibility - (H.Q.A.A.A.) will evaluate it. This finally leads to the “External Evaluation” of the Department, by a board of external evaluators, which are usually highly experienced academics from abroad. Any detail relevant to the Department is documented in these evaluations; especially the weak points are highlighted for further improvement.

## Brief Presentation of the Undergraduate Physiotherapy Programme

The Undergraduate Programme of Studies of the Physiotherapy Department of the University of Patras consists of eight (8) semesters. The curriculum is structured on the basis of the student's workload. Additionally, in each semester, a number of Credit Units (ECTS) is allocated according to the ECTS system. The total of Credit Units of each semester is thirty (30) and is allocated to the courses proportionally to the workload (the workload in each course is defined as 25-30 hours per credit unit). Studies include Lectures, Tutorials, Laboratory Exercises, Clinical Practice, Seminars and visits to hospitals, nursing homes, rehabilitation centers, Laboratories. They include practical applications, case

studies, individual and group projects, elaboration of special topics by invited special speakers, literature reviews, video projections, etc.

Clinical Practice, is a key element of the clinical education and training programme of the physiotherapist, and the World Confederation of Physiotherapists emphasizes as a professional duty the qualitative clinical education of the physiotherapist. Clinical training facilities include primary health services, community centers, private physiotherapy centers, rehabilitation centers, nursing homes, sports clubs providing full patient care (examination, evaluation, treatment, rehabilitation, prevention, diagnosis, promotion of quality of life). The goal of Clinical Practice is to help the student to strengthen his / her clinical and communication skills at all levels, to become an autonomous, specialized clinical practitioner capable of managing patients with a variety of disorders (eg musculoskeletal, neuromuscular, cardiovascular, respiratory). The Clinical Practice is of particular importance to help the student demonstrate appropriate professional behavior, promote interdisciplinary collaboration, develop the attitudes and interpersonal skills required by the profession of physiotherapist, incorporating knowledge, skills and professional attitudes into the clinical environment. ([https://www.wcpt.org/sites/wcpt.org/files/files/Guideline\\_clinical\\_education\\_complete1.pdf](https://www.wcpt.org/sites/wcpt.org/files/files/Guideline_clinical_education_complete1.pdf)).

Special emphasis is given on the development of the student's personal skills, including the development of initiatives, decision-making based on clinical reasoning process, critical thinking, problem-solving, promoting free, inductive and creative thinking and autonomous and team work. At the same time, it is very important to ensure that students are trained to demonstrate social, professional and ethical responsibility, respect for diversity and multiculturalism.

**The total number of the Programme courses is fifty-four (54), and they are credited two hundred and forty (240) credits (ECTS) categorized in two groups, Mandatory Courses and Optional Courses.**

**Mandatory Courses:** 38 courses, divided into the following sub-categories: a) General Background: 11, b) Special Background: 8 & c) Specialized Knowledge-Skills Development: 19.

**Optional Courses:** 16 (of which students choose 7 or 8, depending on whether they choose a Thesis or two optional courses instead).

In the new curriculum the course **Thesis** is an optional spring course of the last (8th) semester of programme. The Thesis requires from the graduate the deepening and completion of a specific topic relevant to the Physiotherapy Science or in general Health Science that concerns a Physiotherapist. Details for the Thesis course can be found in the "Thesis Guide", in the website of the Department of Physiotherapy: <https://physio.upatras.gr/proptixiaka/programs/> and in the e-class platform of the Physiotherapy Department: [upatras eclass | ΠΤΥΧΙΑΚΗ ΕΡΓΑΣΙΑ | Έγγραφα](#).

The course **Clinical Practice in Physiotherapy** is in the last spring semester and lasts for one (1) academic semester. It is guided and evaluated, and is carried out in Hospitals, Rehabilitation Centers and other collaborating institutions related to the field of Physiotherapy. The prerequisite for the approval of the beginning of a Clinical Practice is the successful attendance of all the Specialized Knowledge-Skills Development courses. Detailed information can be found in the "Clinical Practice Guide", on the website of the Department of Physiotherapy <https://physio.upatras.gr/proptixiaka/programs/>.

A brief presentation of the course of the Physiotherapy Programme follows (Table. 1) with weekly teaching hours, workload, credits and ECTS for each semester.

**Table 1.** Brief Course Description of the Physiotherapy Programme

Semester	Total Number of Courses	Teaching Hours per Week					Per Semester		ECTS
		Lectures	Tutorials	Laboratory Exercises	Clinical Practice	Total	Workload	Credits	
1 <sup>st</sup>	6	17	1	4	-	22	860	20	30
2 <sup>nd</sup>	6	15	2	4	-	21	840	19	30
3 <sup>rd</sup>	6	16	1	1	5	23	810	20	30
4 <sup>th</sup>	6	14	1	1	9	25	810	19,5	30
5 <sup>th</sup>	6	14	2	1	7	23	790	19	30
6 <sup>th</sup>	5	12	2	-	12	26	760	20	30
7 <sup>th</sup>	6	14	1	2	7	24	780	19,5	30
8 <sup>th</sup>	4 or 5	10	-	-	40	48	790	30	30
<b>Total</b>	<b>45 or 46</b>	<b>112</b>	<b>8</b>	<b>14</b>	<b>80</b>	<b>214</b>	<b>6440</b>	<b>167</b>	<b>240</b>



## Curriculum of the Physiotherapy Programme 2019-2020

The Bachelor's Undergraduate Curriculum 2019-2020 is provided in detail in the following pages presenting for each semester the course title and code, lectures, tutorials, laboratory exercise, clinical practice, workload, and credits per course.

1 <sup>ST</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS				COURSE		
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_101	ANATOMY OF MUSCULOSKELETAL SYSTEM	3	-	2	-	4	1.5	6
PTH_102	ANATOMY OF THE NERVOUS SYSTEM AND ORGANS	3	-	-	-	3	1,5	5
PTH_103	PHYSIOLOGY	3	-	-	-	3	1,5	5
PTH_104	KINESIOLOGY OF THE TRUNK	2	1	2	-	4	1,5	6
PTH_105	PRINCIPLES OF BIOPHYSICS - ELECTROPHYSIOLOGY	3	-	-	-	3	1,5	4
PTH_106	ENGLISH LANGUAGE - TERMINOLOGY	3	-	-	-	3	1,5	4
	<b>TOTAL (22 TEACHING HOURS)</b>	<b>17</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>20</b>	<b>-</b>	<b>30</b>

2 <sup>ND</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_201	PATHOPHYSIOLOGY-BASIC PRINCIPLES OF PATHOLOGY	3	1	-	-	4	1.5	6
PTH_202	PHARMACOLOGY FOR PHYSIOTHERAPISTS	3	-	-	-	3	1,5	4
PTH_203	NEUROPHYSIOLOGY	3	-	-	-	3	1,5	4
PTH_204	KINESIOLOGY OF THE EXTREMITIES	2	1	2	-	4	1,5	7
PTH_205	SOFT-TISSUE TECHNIQUES IN PHYSIOTHERAPY	2	-	2	-	3	1,5	5
	OPTIONAL SPRING SEMESTER MODULE	2	-	-	-	2	1,0	4
	<b>TOTAL (21 TEACHING HOURS)</b>	<b>15</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>19</b>	<b>-</b>	<b>30</b>

3 <sup>RD</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_301	GENERAL SURGERY – ORTHOPAEDICS	3	1	-	-	4	1.5	6
PTH_302	NEUROLOGY	3	-	-	-	3	1,5	4
PTH_303	PRINCIPLES OF CARDIO-RESPIRATORY PHYSIOTHERAPY	3	-	-	-	3	1,5	5
PTH_304	KINESIOTHERAPY	2	-	1	1	3	1,5	5
PTH_305	CLINICAL PATIENT MANAGEMENT	2	-	-	4	4	1,5	6
PTH_306	BIOMECHANICS	3	-	-	-	3	1,5	4
	<b>TOTAL (23 TEACHING HOURS)</b>	<b>16</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>20</b>	<b>-</b>	<b>30</b>

	4 <sup>TH</sup> SEMESTER							
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_401	CLINICAL CARDIO-RESPIRATORY PHYSIOTHERAPY	2	-	-	6	5	2,0	6
PTH_402	PRINCIPLES OF MUSCULOSKELETAL PHYSIOTHERAPY	3	-	-	-	3	1,5	5
PTH_403	CLINICAL PHYSIOTHERAPEUTIC ASSESSMENT	3	-	1	1	4	1,5	6
PTH_404	CLINICAL REASONING AND DECISION MAKING IN PHYSIOTHERAPY	2	-	-	1	2,5	1,5	4
PTH_405	PHYSICAL MODALITIES – CLINICAL ELECTROTHERAPY	2	-	1	1	3	1,5	5
	OPTIONAL SPRING SEMESTER MODULE	2	-	-	-	2	1,0	4
	<b>TOTAL (25 TEACHING HOURS)</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>19,5</b>	<b>-</b>	<b>30</b>

	5 <sup>TH</sup> SEMESTER							
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_501	CLINICAL MUSCULOSKELETAL PHYSIOTHERAPY I	2	1	-	6	6	2,0	8
PTH_502	PRINCIPLES OF NEUROLOGICAL PHYSIOTHERAPY	3	-	-	-	3	1,5	5
PTH_503	MANIPULATIVE PHYSIOTHERAPY	2	-	1	1	3	1,5	5
PTH_504	PATHOKINESIOLOGY	3	-	-	-	3	1,5	4
	OPTIONAL WINTER SEMESTER MODULE	2	-	-	-	2	1,0	4
	OPTIONAL WINTER SEMESTER MODULE	2	-	-	-	2	1,0	4
	<b>TOTAL (23 TEACHING HOURS)</b>	<b>14</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>19</b>	<b>-</b>	<b>30</b>



6 <sup>TH</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_601	CLINICAL MUSCULOSKELETAL PHYSIOTHERAPY II	2	1	-	6	6	2,0	9
PTH_602	CLINICAL PAEDIATRIC PHYSIOTHERAPY	2	1	-	6	6	2,0	9
PTH_603	THERAPEUTIC EXERCISE FOR MUSCULOSKELETAL PATHOLOGIES - INJURIES	3	-	-	-	3	1,5	4
PTH_604	PHYSIOTHERAPY FOR SPECIAL POPULATIONS	3	-	-	-	3	1,5	4
	OPTIONAL SPRING SEMESTER MODULE	2	-	-	-	2	1,0	4
	<b>TOTAL (26 TEACHING HOURS)</b>	<b>12</b>	<b>2</b>	<b>0</b>	<b>12</b>	<b>20</b>	<b>-</b>	<b>30</b>

7 <sup>TH</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_701	ADULT CLINICAL NEUROLOGICAL PHYSIOTHERAPY	2	1	-	6	6	2,0	9
PTH_702	SPORTS PHYSIOTHERAPY	2	-	1	1	3	1,5	5
PTH_703	DISABILITY AND FUNCTIONAL REHABILITATION	3	-	-	-	3	1,5	4
PTH_704	RESEARCH METHODOLOGY IN HEALTH SCIENCES	2	-	1	-	2,5	1,5	4
PTH_705	DIAGNOSTIC IMAGING	3	-	-	-	3	1,5	4
	OPTIONAL WINTER SEMESTER MODULE	2	-	-	-	2	1,0	4
	<b>TOTAL (24 TEACHING HOURS)</b>	14	1	2	7	19,5	-	30

8 <sup>TH</sup> SEMESTER								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_801	CLINICAL PRACTICE IN PHYSIOTHERAPY	-	-	-	40	20	2,0	14
PTH_802	EMERGENCY MEDICINE AND TRAUMATOLOGY	3	-	-	-	3	1,5	4
PTH_803	PAIN AND CLINICAL MANAGEMENT	3	-	-	-	3	1,5	4
	THESIS OR 2 OPTIONAL WINTER SEMESTER MODULES	4	-	-	-	4	1,5	8
	<b>TOTAL (50 TEACHING HOURS)</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>30</b>	<b>-</b>	<b>30</b>

## Grouping of Physiotherapy Programme Courses

Programme Courses are grouped as: General Background, Special Background, Specialized Knowledge-Skills Development and Optional. Additionally, the interdependencies and the prerequisite courses for the Clinical Practice are presented below.



### ❖ General Background Courses

The General Background Courses (n=11) are presented in Table 2. General Background defines the courses that form the basis of knowledge to enable the student to continue to the Special Background and Specialized Knowledge-Skills Development courses that constitute the scientific and clinical basis of the Physiotherapy Science. These courses are all of Medical background.

**Table 2.** General Background Courses of the Physiotherapy Programme

COURSE CODE	COURSE (SEMESTER)
PTH_101	ANATOMY OF MUSCULOSKLETAL SYSTEM (1 <sup>st</sup> )
PTH_102	ANATOMY OF THE NERVOUS SYSTEM AND ORGANS (1 <sup>st</sup> )
PTH_103	PHYSIOLOGY (1 <sup>st</sup> )
PTH_106	ENGLISH LANGUAGE -TERMINOLOGY (1 <sup>st</sup> )
PTH_201	PATHOPHYSIOLOGY-BASIC PRINCIPLES OF PATHOLOGY (2 <sup>nd</sup> )
PTH_202	PHARMACOLOGY FOR PHYSIOTHERAPISTS (2 <sup>nd</sup> )
PTH_203	NEUROPHYSIOLOGY (2 <sup>nd</sup> )
PTH_301	GENERAL SURGERY – ORTHOPAEDICS (3 <sup>rd</sup> )
PTH_302	NEUROLOGY (3 <sup>rd</sup> )
PTH_705	DIAGNOSTIC IMAGING (7 <sup>th</sup> )
PTH_802	EMERGENCY MEDICINE AND TRAUMATOLOGY (8 <sup>th</sup> )

### ❖ Special Background Courses

The Special Background Courses are presented in Table 3. Special Background Courses (n=8) function as “bridges” between The General Background Courses and the Specialized Knowledge-Skills Development courses.

**Table 3.** Special Background Courses of the Physiotherapy Programme

COURSE CODE	COURSE (SEMESTER)
PTH_104	KINESIOLOGY OF THE TRUNK (1 <sup>st</sup> )
PTH_105	PRINCIPLES OF BIOPHYSICS - ELECTROPHYSIOLOGY (1 <sup>st</sup> )
PTH_204	KINESIOLOGY OF THE EXTREMITIES (2 <sup>nd</sup> )
PTH_306	BIOMECHANICS (3 <sup>rd</sup> )
PTH_504	PATHOKINESIOLOGY (5 <sup>th</sup> )
PTH_703	DISABILITY AND FUNCTIONAL REHABILITATION (7 <sup>th</sup> )
PTH_704	RESEARCH METHODOLOGY IN HEALTH SCIENCES (7 <sup>th</sup> )
PTH_803	PAIN AND CLINICAL MANAGEMENT (8 <sup>th</sup> )

#### ❖ Optional Courses

The Optional Courses are presented in Table 4. The Optional Courses (n=16) are divided in two groups: Winter and Spring Optional Courses. All optional courses are credited 4 (ECTS), except the course of Thesis which is credited 8 ECTS. Students can choose any Optional Course they wish in the winter and spring semester, respectively. The Thesis course is an exception and the students can choose it only at the last spring semester (8<sup>th</sup>).

## OPTIONAL MODULES

**Table 4.** Optional Modules of the Physiotherapy Programme

	OPTIONAL WINTER SEMESTER MODULES							
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_W01	SPORTS MEDICINE	2	-	-	-	2	1,0	4
PTH_W02	BIOETHICS AND DEONTOLOGY	2	-	-	-	2	1,0	4
PTH_W03	BIOSTATISTICS	2	-	-	-	2	1,0	4
PTH_W04	SAFETY IN HEALTH CARE	2	-	-	-	2	1,0	4
PTH_W05	ERGONOMICS - PREVENTION OF MUSCULOSKELETAL DISORDERS	2	-	-	-	2	1,0	4
PTH_W06	SCIENTIFIC WRITING	2	-	-	-	2	1,0	4
PTH_W07	HEALTH PSYCHOLOGY	2	-	-	-	2	1,0	4
PTH_W08	HYDROTHERAPY	2	-	-	-	2	1,0	4

OPTIONAL SPRING SEMESTER MODULES								
COURSE		WEEKLY TEACHING HOURS						
COURSE CODE	COURSE TITLE	LECTURES	TUTORIALS	LABORATORY EXERCISE	CLINICAL PRACTICE	CREDITS	GRAVITY FACTOR	ECTS
PTH_S01	EXERCISE PHYSIOLOGY	2	-	-	-	2	1,0	4
PTH_S02	COMPUTER SCIENCE IN HEALTHCARE	2	-	-	-	2	1,0	4
PTH_S03	HEALTH INTERPROFESSIONAL EDUCATION AND PRACTICE	2	-	-	-	2	1,0	4
PTH_S04	PROSTHETICS-ORTHOTICS	2	-	-	-	2	1,0	4
PTH_S05	INTELLIGENT SYSTEMS OF DECISION MAKING	2	-	-	-	2	1,0	4
PTH_S06	GROUP-BASED EXERCISE PROGRAMMES	2	-	-	-	2	1,0	4
PTH_S07	PHYSIOTHERAPY FOR THE ELDERLY	2	-	-	-	2	1,0	4
PTH_S10	INTRODUCTION TO CLINICAL RESEARCH	2	-	-	-	2	1,0	4
PTH_S09	THESIS*	4	-	-	-	4	2,0	8

\* Students are able to select Thesis only at the last semester (8th ) and it is the only course that is has 8 ECTS which is equal with 2 other Optional Modules (Students have the ability to select Thesis or 2 other optional modules).

### ❖ Specialized Knowledge-Skills Development Courses

The Specialized Knowledge-Skills Development Courses are presented in Table 5. Specialized Knowledge-Skills Development Courses (n=19) give emphasis on physiotherapy specific knowledge and skills.

**Table 5.** Specialized Knowledge-Skills Development Courses of the Physiotherapy Program

COURSE CODE	COURSE (SEMESTER)
PTH_205	SOFT-TISSUE TECHNIQUES IN PHYSIOTHERAPY (2 <sup>nd</sup> )
PTH_303	PRINCIPLES OF CARDIO-RESPIRATORY PHYSIOTHERAPY (3 <sup>rd</sup> )
PTH_304	KINESIOTHERAPY (3 <sup>rd</sup> )
PTH_305	CLINICAL PATIENT MANAGEMENT (3 <sup>rd</sup> )
PTH_401	CLINICAL CARDIO-RESPIRATORY PHYSIOTHERAPY (4 <sup>th</sup> )
PTH_402	PRINCIPLES OF MUSCULOSKELETAL PHYSIOTHERAPY (4 <sup>th</sup> )
PTH_403	CLINICAL PHYSIOTHERAPEUTIC ASSESSMENT (4 <sup>th</sup> )
PTH_404	CLINICAL REASONING AND DECISION MAKING IN PHYSIOTHERAPY (4 <sup>th</sup> )
PTH_405	PHYSICAL MODALITIES – CLINICAL ELECTROTHERAPY (4 <sup>th</sup> )
PTH_501	CLINICAL MUSCULOSKELETAL PHYSIOTHERAPY (5 <sup>th</sup> )
PTH_502	PRINCIPLES OF NEUROLOGICAL PHYSIOTHERAPY (5 <sup>th</sup> )
PTH_503	MANIPULATIVE PHYSIOTHERAPY (5 <sup>th</sup> )
PTH_601	CLINICAL MUSCULOSKELETAL PHYSIOTHERAPY II (6 <sup>th</sup> )
PTH_602	CLINICAL PAEDIATRIC PHYSIOTHERAPY (6 <sup>th</sup> )
PTH_603	THERAPEUTIC EXERCISE FOR MUSCULOSKELETAL PATHOLOGIES -INJURIES (6 <sup>th</sup> )
PTH_604	PHYSIOTHERAPY FOR SPECIAL POPULATIONS (6 <sup>th</sup> )
PTH_701	ADULT CLINICAL NEUROLOGICAL PHYSIOTHERAPY (7 <sup>th</sup> )
PTH_702	SPORTS PHYSIOTHERAPY (7 <sup>th</sup> )
PTH_801	CLINICAL PRACTICE IN PHYSIOTHERAPY (8 <sup>th</sup> )



### ❖ Interdependency of Courses

The Dependent and Prerequisite Courses are presented in Table 6. and are divided in five groups. For the Clinical Practice Course (8<sup>th</sup>) it is necessary for the student to have successfully attended all the Specialized Knowledge-Skills Development Courses (n=18) up to 7<sup>th</sup> semester, as mentioned in Table 5.

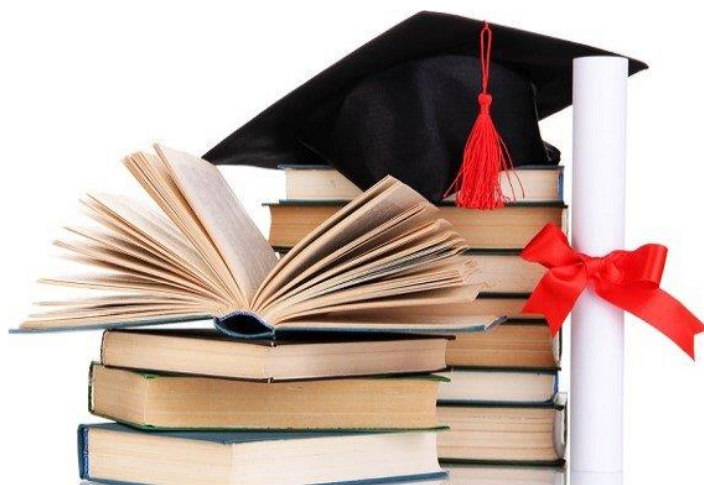
**Table 6.** Interdependency of Physiotherapy Program Courses

Prerequisite Courses (Semester)	Dependent Courses (Semester)
<ul style="list-style-type: none"> <li>Physiology (1<sup>st</sup>)</li> <li>Anatomy of Musculoskeletal System (1<sup>st</sup>)</li> <li>Pathophysiology-Basic Principles of Internal Medicine (2<sup>nd</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Cardio-Respiratory Physiotherapy (4<sup>th</sup>)</li> <li>Clinical Musculoskeletal Physiotherapy I (5<sup>th</sup>)</li> <li>Clinical Musculoskeletal Physiotherapy II (6<sup>th</sup>)</li> </ul>
<ul style="list-style-type: none"> <li>Kinesiology of the Trunk (1<sup>st</sup>)</li> <li>Kinesiology of the Extremities (2<sup>nd</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Cardio-Respiratory Physiotherapy (4<sup>th</sup>)</li> <li>Clinical Musculoskeletal Physiotherapy I (5<sup>th</sup>)</li> <li>Clinical Musculoskeletal Physiotherapy II (6<sup>th</sup>)</li> <li>Clinical Paediatric Physiotherapy (6<sup>th</sup>)</li> <li>Adult Clinical Neurological Physiotherapy (7<sup>th</sup>)</li> <li>Clinical Physiotherapeutic Assessment (4<sup>th</sup>)</li> </ul>
<ul style="list-style-type: none"> <li>Kinesiology of the Extremities (2<sup>nd</sup>)</li> <li>Pathology-Basic principles of pathology</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Patient Management (3<sup>rd</sup>)</li> </ul>
<ul style="list-style-type: none"> <li>Kinesiotherapy (3<sup>rd</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Musculoskeletal Physiotherapy I (5<sup>th</sup>)</li> </ul>
<ul style="list-style-type: none"> <li>Anatomy of The Nervous System and Organs (1<sup>st</sup>)</li> <li>Neurology (3<sup>rd</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Paediatric Physiotherapy (6<sup>th</sup>)</li> <li>Adult Clinical Neurological Physiotherapy (7<sup>th</sup>)</li> </ul>
<ul style="list-style-type: none"> <li>All Specialized Knowledge-Skills Development Courses up to 7<sup>th</sup> semester</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Practice in Physiotherapy (8<sup>th</sup>)</li> </ul>



## Detailed Course Outlines

In the special insert "Course Outlines of the Undergraduate Physiotherapy Curriculum", detailed description of each course per semester is presented, in which the student can find the course's learning outcomes, information about ways of teaching and assessment for each course, as well as Greek and international literature and related scientific journals.



# **PART 3**

## **STUDENTS' CARE**



## General Information for the students

### Obtaining the Academic Identity with Embodied Student Ticket Card (PASO)

From the academic year 2012-2013 the Ministry of Education and Religious Affairs has developed a central information system for the issuance of a new academic identity for first, second and third cycle students. Academic Identity also incorporates the Student Ticket Card (PASO), which is now stopped being a separate card. Students can submit an online application to obtain the Academic Identity throughout the academic year. Students receive the identity without any charge. To apply for a Student ticket card, it is necessary for the student to have an access account in the telematics services of the University of Patras. The student receives this account when he is admitted to the first year of his studies. With the same account, the student has access to all the central electronic services of the University of Patras. In case the student forgets his/her password access account, he / she must arrange for a new code to be issued immediately by the Department of Networks of the University of Patras.

For the procedures of obtaining the Academic Identity (with the embodied PASO) the student can be informed by the web site of the University of Patras

<https://www.upatras.gr/foitites/protoeteis/akadimaiki-taftotita-kai-paso/>



### Books Supply

Students have the right to get free of charge one (1) textbook for each taught mandatory or optional course of their curriculum, which they can choose. In particular, for students enrolled for the first time in Universities from the academic year 2008-2009 onward, the books distributed are equal to the number of mandatory or optional courses required to obtain the degree.

The students need to order the books electronically, through the Electronic Services of Integral Management of Books and other aids “EUDOXOS”. The deadline for ordering the books of each academic semester is announced by Eudoxos through the Secretariat of each Department.

In order for the students to get the books, it is necessary to have an access account in the telematics services of the University of Patras. The student receives this account when his /she registers in the first year of studies. In case the student forgets his/her password access account, he / she must arrange for a new code to be issued immediately by the Department of Networks of the University of Patras.

For more information about books provided the student can read the website of the University of Patras <https://www.upatras.gr/foitites/foitisi/syngrammata/>, in the website of the program

“EUDOXOS”: <http://eudoxus.gr/Students>, and at the library of the Department of Physiotherapy (Mrs Eleni Lolou, Tel. +30 26910 23566, Email: [loloue@upatras.gr](mailto:loloue@upatras.gr))

## Student Health Care

Undergraduate and post-graduate students, as well as Doctoral candidates who do not have other medical and hospital care are entitled to full medical and hospital care in the ESY (hospitals), and any relevant expenses are covered by the EOPYY. Students are provided with these services by simply displaying their Social Security Register Number (AMKA) without needing the health booklet.

The issue of the European Health Insurance Card (EKAA) for the above categories of students moving to European Union countries, as well as the coverage of the costs that may arise, continues to be carried out by the University Patras, with the terms and conditions in force.

For the issue of the European Health Insurance Card (E.K.A.A.) the students should apply before the date they leave along with all the following documents:

- Application for the European Health Insurance Card
- Certification of Studies
- For students with mobility for studies (i.e. Erasmus etc.). Confirmation by the Department of International Relations of the University of Patras regarding the program the student(s) will attend and its duration
- In case of mobility for another reason, Ministry of Health Statement (Law 1599/1986) stating for what reason they move and need the European Health Insurance Card
- Copy of Police Identity card
- Ministry of Health Statement, Law 1599/1986

For more information the student can ask the Health Care Department for Student Welfare [dfm@upatras.gr](mailto:dfm@upatras.gr) | tel. 2610997970 | 2610997956.

## Feeding

The students of the University of Patras are entitled to free feeding at the Catering Houses of the University, with the demonstration of a special identity.

Feeding begins from 1<sup>st</sup> September and ends on 30<sup>th</sup> of June of the following year. Meals are not provided during the Christmas and Easter holidays. In the event of an extension of the academic year, the University Senate decides to extend the provision of free meals for that period of time. Feeding includes breakfast, lunch and dinner.

More detailed information on free meals, the application process and the documents needed during the current academic year are provided in the <https://sitisi.upatras.gr> of the Department of Student Welfare and on the website of the University of Patras [Catering facilities - University of Patras \(upatras.gr\)](https://www.upatras.gr/el/node/8445).

Finally, all undergraduate and postgraduate students, who are not entitled to a free-of-charge card, have the option of catering to the Student Catering House, by paying a small financial amount. Relevant information is provided by the Student Center Accounting Office at tel. 2610 992359 or 2610 992361.

## Accommodation

Student accommodation in the **Student Residence** of the campus is conditional. Eligible to apply for student accommodation have the first-year students of the University with a specific process announced on the website of the University of Patras.

The **hosting space of the University**, located in suburb of Patras serves mostly foreign postgraduate students and academic staff who visit the University through exchange programs for limited time.

In addition, there is a possibility for finding accommodation in rented apartments and rooms in the wider geographic area of the campus. The University of Patras, in an effort to assist its students in finding a home, supports the site <http://erent.upatras.gr/>. Students can visit it and search for different categories of accommodation.

For more information, the student is encouraged to follow the University of Patras website at [Accommodation - University of Patras \(upatras.gr\)](#).

Information on student accommodation subvention is provided also at the following link [Housing allowance - University of Patras \(upatras.gr\)](#).

## Digital Services

The Network Department of the University of Patras provides Upnet ID accounts to all members of the academic community. This account is required for the use of all Upnet's telematic services as well as for the use of collaborative services. Some of the telematic services are: e-mail, digital library, software deployment capabilities, EVDOXOS programme, academic identity, e-class learning platform, cloud services.

More information on digital services can be found on the Upnet telematic services website of the University of Patras <http://www.upnet.gr/get-started/>.

## Scholarships

There are plenty of scholarships and students' loans provided to both undergraduate and postgraduate students. Depending on the source of funding, scholarships are divided into the following categories:

- Scholarships from the University of Patras
- National Scholarships from the State Scholarship Foundation (IKY)
- European Community Scholarships

- Scholarships for Beings and Organizations
- Scholarships from Foreign Cultural Institutions
- Private scholarships
- Scholarships from International Organizations
- Scholarships from Foreign Governments
- Scholarships from Research Institutes

Students can be informed in detail for scholarships on the website of the University of Patras at <http://www.upatras.gr/el/ypotrofies>.

### Mobility programmes (Erasmus<sup>+</sup>)

ERASMUS + is the European Commission's new program for education, training, youth and sport, aiming at strengthening skills and employment, as well as modernizing education, training and youth systems in all areas of Lifelong Learning. The new ERASMUS + program, which is in force since 1 January 2014, combines all current European Union education, training and youth programs such as the Integrated LLP (Erasmus, Leonardo da Vinci, Comenius, Grundtvig), the Youth in Action Program and five international cooperation programs (Erasmus Mundus, Tempus, Alfa, Edulink and co-operation programs with industrialized countries). Erasmus + promotes the internationalization of Greek education while also promotes dynamic strengthening of the co-operation and diplomacy between Higher Education Institutions. Programme's main objective is to link the academic life with employment needs. Undeniable prospect of the programme is that integrates new practices, enhance innovation and excellence, and promotes equal opportunities.

Within the framework of European student mobility programs between higher education institutions of the European Union members of the Physiotherapy Department, and foreign students can be enrolled as guest students. Guest students have the same rights and obligations with the students of the Department during their studies.

In addition, students of the Physiotherapy Department can participate in the Mobility Program for undergraduate and graduate studies or clinical practice. The Erasmus Guide of the Physiotherapy Department provides detailed information on students' mobility possibilities while at the same time students can find all the necessary material, useful documents, a list of universities for mobility, in the e-learning platform of the Physiotherapy Department at: [Erasmus + – Department of Physiotherapy, University of Patras \(upatras.gr\)](#) and at: [upatras eclass | ERASMUS+ | Έγγραφα](#). Furthermore, the students are recommended to visit the Erasmus website of the University of Patras [Erasmus - University of Patras \(upatras.gr\)](#) for further useful forms, important announcements and invitations for participation in the program.



## Epilogue

By completing this Guide, we would like to wish to all of you Good Studies, with successes and cultivation of spirit. At this moment your life journey gives you opportunities for scientific development, and professional and intellectual uplift. Take advantage of all these opportunities and walk your own genuine path in your profession and life!!! The horizons that open in front of you leave space for your own dreams and your own goals. Put your own foundation and make your own steps for a change. All your teachers will be proud for your efforts and achievements!!!

