



جامعة أم القرى
UMM AL-QURA UNIVERSITY

**Bachelors of Physical Therapy
Program Handbook
Academic Year 2022-2023**

Welcome to the Department of Physical Therapy

Dear Students,

Over the past decade, we have been striving to make a difference in the physical therapy profession locally through our educational programs that aims to prepare you to be skilled professionals in physical therapy practice.

As an educational department, our priority is to create a supportive learning environment for you to facilitate your learning experience. Additionally, we are keen to nurture you to become leaders not only in your professional careers upon graduation but also productive members of our society.

My colleagues and I take pride in teaching and mentoring our students and thus we strive to make a difference in your experience at our department.

Wishing you a joyful learning experience in our undergraduate physical therapy program.

Sincerely,

Dr. Mohammed Alghamdi

Head of Physical Therapy Department

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GENERAL INFORMATION

Umm Al-Qura University Mission

The University of Umm Al-Qura founded in 1950, is one of the most distinguished universities due to its location and noble origin. The University's mission is *“Providing distinguished education and scientific research that serves the community, Hajj and Umrah and contributes to the development of the knowledge-based economy and entrepreneurship within a stimulating academic environment and effective partnerships”*.

Collage of Applied Medical Sciences Mission

The mission of the college is *“Preparing distinguished graduates in the various disciplines of applied medical sciences who will contribute to the advancement of health services for the community and providing a competitive research environment to support the knowledge-based economy”*

Department of Physical Therapy Mission

The mission of the department of physical therapy is *“Providing high-quality education in physical therapy to prepare qualified physical therapists to work in various practice settings, and to contribute to scientific research and innovation, and to excel in community service and volunteer work”*

Physical Therapy Program Mission and Goals

The mission of the physical therapy program is *“Providing high quality evidence-based education and scientific research, guided by core Islamic values, for preparing skilled and competitive physical therapists to deliver distinguished rehabilitation services for individuals with disabilities and health conditions”*

The goals of the physical therapy program are:

- 1- Providing a high quality education and evidence-based practice in physical therapy
- 2- Contributing to improvement of physical therapy profession through student activities and program faculty member's scientific research
- 3- Preparing physical therapist who are able to integrate their knowledge and skills to contribute to the healthcare needs of the society
- 4- Preparing physical therapist who demonstrate Islamic values, professional ethics and able to take leadership roles in the physical therapy profession.

Umm Al-Qura University policies and regulations

The Collage of Applied Medical Science and Department of Physical Therapy follow the university general policies and regulations. The student is responsible to understanding and following University policies and regulations including Student's Rights and Duties, facilities, and academic-related policies.

Below is a list of important documents related to Student's Rights and Duties in the academia

Direct Access Links:

[Student's Rights and Duties \(Male Guidebook\)](#)

[Student's Rights and Duties \(Female Guidebook\)](#)

[Student's Rights and Duties Bylaws](#)

[Students' Clubs Bylaws](#)

[Study and Exam Rules for Undergraduate Level](#)

ACADEMIC AND UNIVERSITY POLICES

Admission and registration requirements

Applicants must:

- Be a Saudi or the child of a Saudi mother.
- Have high school degree or any equivalent national or international degree
 - Cumulative percentage must be at least 90%
 - Grades in the Natural Science and English subjects must be at least 90%
- Hold a high school certificate (or equivalent) that is no older than 2 years.
- Pass required admission tests: General Aptitude Test (GAT), Summative Assessment, conducted by the National Center for Assessment.
- Be medically fit.
- Have not been dismissed from UQU or any other university for academic or disciplinary reasons.

For complete details on the University's Admission and registration requirements, [please click here](#)

Dress Code policy

Decent and a professional appearance must be maintained by student during all time when they are representing Umm Al-Qura university.

Students are expected to adhere with the following:

- All students are required to carry the university identity cards at all time while in the university.
- Students are obligated to wear decent respectful clothes and not permitted to wear semi-transparent, tight-fitting, pants, sleeveless, jeans, T-shirt, and short length skirts/dresses clothes.
- Students required during labs and clinical placement to wear medical uniform (scrubs and lab coats) and place the university ID where is visible to others.
- Students with Direct Patient Care should follow the infection control and patient safety guidelines issued by Ministry of health.

Undergraduate Study and Examinations Regulations

All students are expected to comply with the university's Study and Examinations Regulations including but not limited to:

- Registration of courses
- Attendance
- Exams (including reset exams)
- Adhering to plan of study
- Course equivalency process

Complete information about Study and Examinations Regulations, here: [Study and Exam Rules for Undergraduate Level](#)

Student Affairs

- Students are encouraged visit student's services provided by the Deanship of Student Affairs via this link <https://uqu.edu.sa/studaff>
- Information about students' monthly allowance is available via this link: <https://uqu.edu.sa/en/studaff/App/Tickets/86426>
- Students who have any queries related to their services may submit an e-ticket using this link: <https://uqu.edu.sa/studaff/App/Tickets>

Students with Disabilities

Umm Al-Qura University provides accommodations for students with disabilities via Gali Center under the Deanship of Student Affairs. Information about the center and services is available via this link: <https://uqu.edu.sa/studaff/16052>

Student club and activities procedures

The University, Collage of applied medical science and Department of physical therapy provide opportunities to student to participate in the student club and voluntary activities to complement student's learning experience.

Registration in student clubs can be done electronically via this link: <https://uqu.edu.sa/studaff/App/Forms/Show/54097>

Student transportation services

The Deanship of Student Affairs provides university transportation services from residential neighborhoods to university colleges in its various locations in accordance with the approved itineraries for the university semester in order to provide what serves the educational process and provide comfort and flexibility for the transition of university students. To request this service, please fill out this form:

https://uqu.edu.sa/studaff/App/Forms/Show/67894?ticket_cat_id=123313

Guidance and Orientation for New Students

Multiple meet-and-greet events and meetings have been annually organized for new students at different levels:

- **Level one (university):** The vice rectorate for Educational Affairs and Deanship of student affairs organize an annual preparation program for newly assigned students in the university.
- **Level two (college):** The dean and vice dean of student affairs of the Faculty of Applied medical Sciences.
- **Level three (department):** The head of physical therapy department and all staff members. The academic advisors and counselor.

These meeting have been annually held aiming for providing new students with information regarding:

- Educational, support services and facilities provided by the university to the students.
- Rights and duties of students.
- University Rules and Regulations (e.g. Admission Requirements, Attendance and Completion Requirements Student Appealsetc.)
- Curriculum and courses that will be taught, teaching strategies and assessment methodology that will be followed.

Student Absences

All students are expected to attend lectures, labs, and exams. A student who is absent from classes or labs for any reasons, must submit her/his excuse & supporting documents to be reviewed by a college-wide committee.

The process of submitting the excuse & supporting documents through this link: <https://uqu.edu.sa/fameds/App/Forms/Show/36303>
Student will be informed about the decision of the committee via the course instructor and/or the head of department.

Student Complaint (Grievance) Process

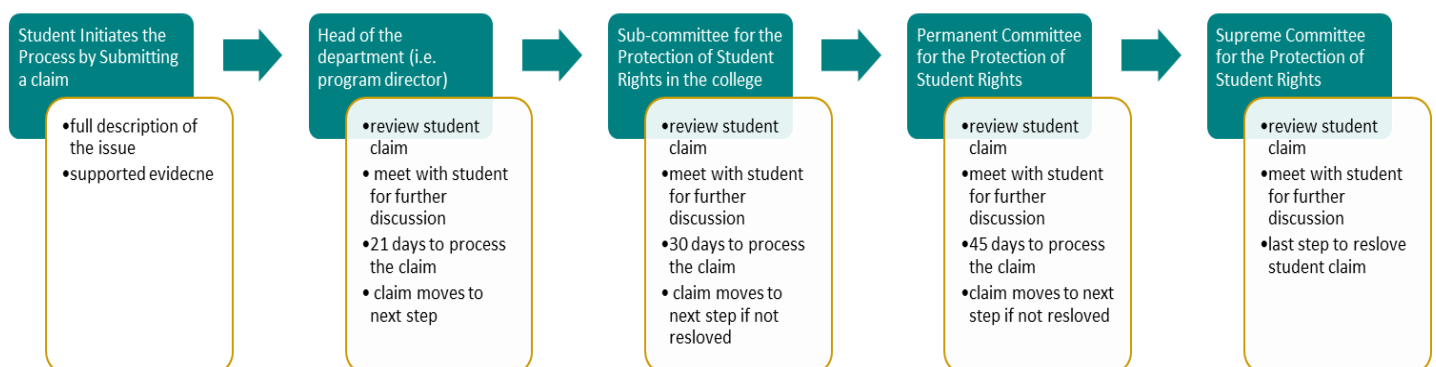
If the student believe that she/he has been treated unfairly by the university staff, department staff, and faculty member, student can initiate a complaint according to the University Student Rights and Duties Regulations. The complaint is submitted by the student electronically via this [link](#). The pathway for the complaint is as follows:

First: Head of the Department (21 days to process the complaint), then

Second: Sub-committee for the Protection of Student Rights in the college (30 days to process the complaint), then

Third: The Permanent Committee for the Protection of Student Rights at the Deanship of Student Affairs (45 days to process the complaint), then

Fourth: The Supreme Committee for the Protection of Student Rights.



Notes:

- The grievance will not be closed unless the student agrees to do so, after being informed of the ruling of the various authorities.
- If the grievance is against the Head of Department, the claim goes to the Sub-committee for the Protection of Student Rights in the college
- If the grievance is against the Dean of the College, the claim goes to the Permanent Committee for the Protection of Student Rights
- If student claim not processed in the allotted time, it goes to the next step automatically

Course Equivalency Process

Students transferring to the program may be eligible to transfer credit from their previous program if they studied courses that are equivalent to the ones in the program plan of study. The process of course equivalence is electronic and managed by the Deanship of Admission and Registration in collaboration with academic departments.

Requirements for Course Equivalency:

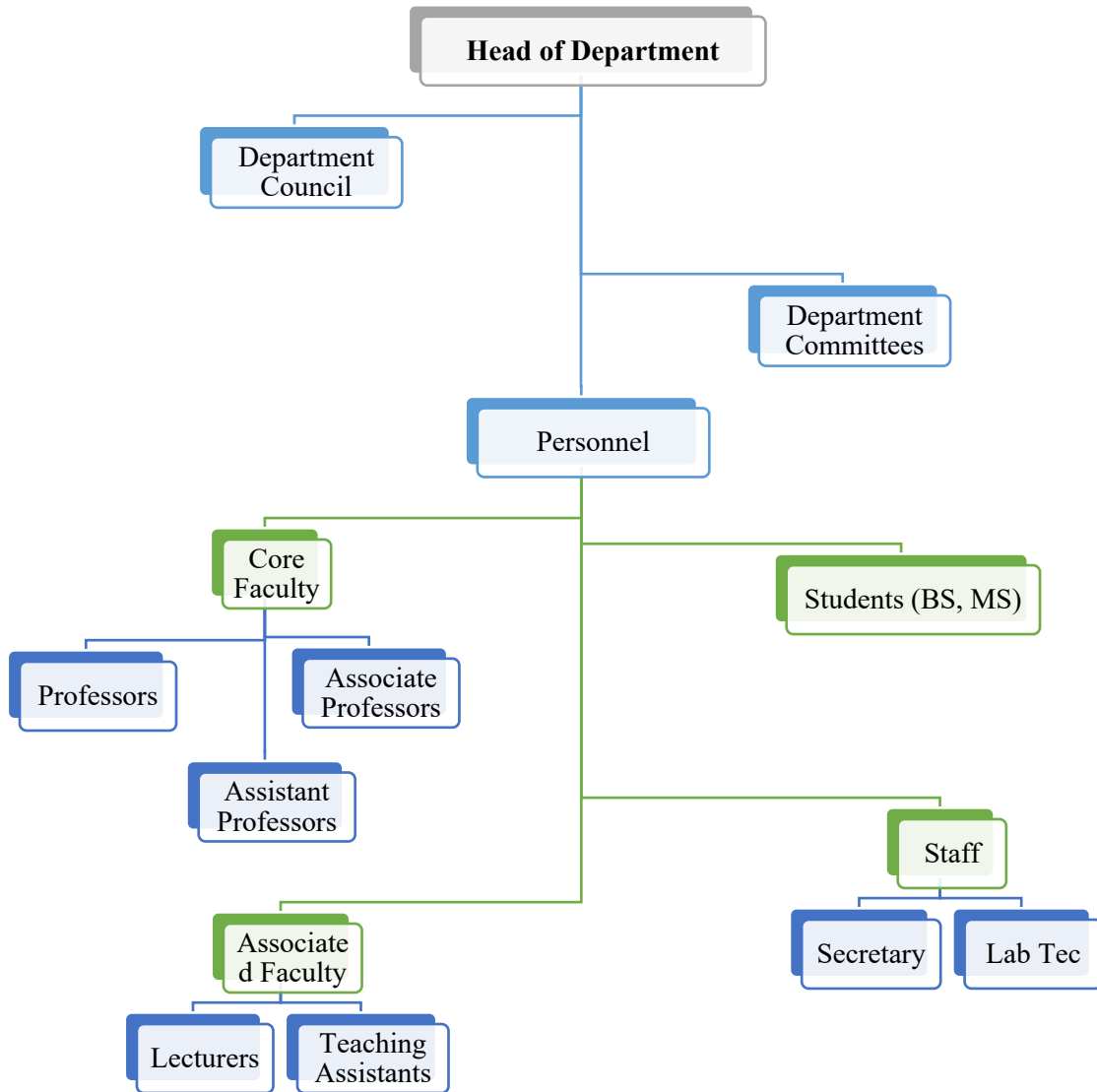
- 1- Student must earn a passing grade (60 points or more) in the course
- 2- The credit hour for the completed course must be equal to the credit hour of the course in the new study plan.
- 3- There is similarity of more than 70% in the course topics

Process for Course Equivalency:

- 1- Student submit an electronic request via this webpage <https://uqu.edu.sa/dadregis/116348>
 - a. The student select the courses he/she has completed and the courses in the new plan of study that he/she believes are equivalent
- 2- The program director receives student request and submits it to the Curricula and Study Plan Committee to review the course specification of both completed and new courses and consult with the course coordinator.
- 3- The Curricula and Study Plan Committee provide a decision (Equivalency Granted or Equivalency Rejected)
 - a. **Equivalency Granted** if there is a match in the credit hour and more than 70% match in the course topics
 - b. Equivalency Rejected if there is no match in the credit hour and less than 70% match in the course topics
- 4- In case of **Equivalency Granted**, the program director accepts student's request and then it goes to Equivalency Department in the Deanship of Admission and Registration for final approval.
- 5- In case of **Equivalency Rejected**, the program director declines student's request and the process is over.
- 6- Student is notified with the decision by email.

DEPARTMENT OF PHYSICAL THERAPY

Organizational Structure



Program plan of study

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College or Department)
Level 1	4800170-6	English Language	Required	None	6	College Requirements
	4800150-2	Computer Skills1	Required	None	2	College Requirements
	4800104-3	Learning and Study Skills	Required	None	3	College Requirements
	4810120-2	Basics to Biochemistry 1	Required	None	2	College Requirements
	4810110-2	Principles of Human Genetic	Required	None	2	College Requirements
Level 2	4800153-3	Computer Programing Skills	Required	None	3	College Requirements
	4810121-2	Basics to Biochemistry 2	Required	None	2	College Requirements
	4810111-3	Cell Physiology	Required	None	3	College Requirements
	4800173-4	Medical English Language	Required	None	4	College Requirements
	4800131-4	Introduction to Medical Physics	Required	None	4	College Requirements
Level 3	102101-2	Biography of the Prophet	Required	None	2	Institution Requirements
	501101-2	Arabic Language I	Required	None	2	Institution Requirements
	601101-2	Islamic Culture I	Required	None	2	Institution Requirements
	605101-2	The Holy Qur'aan I	Required	None	2	Institution Requirements
	1704231-3	Tests and Measures in Physical Therapy Practice	Required	None	3	Department
	1704241-2	Electrotherapy (1)	Required	None	2	Department
	1704211-3	Exercises Physiology (1)	Required	None	3	Department
	1701221-2	Biochemistry For Physical Therapy	Required	None	2	Department
	1701213-3	Functional Anatomy(1)	Required	None	3	Department
Level 4	601201-2	Islamic Culture II	Required	601101-2	2	Institutional
	605201-2	The Holy Qur'aan II	Required	605101-2	2	Institutional
	1704223-2	Human Growth and Development	Required	1701213-3	2	Department
	1704242-2	Electrotherapy (2)	Required	1704241-2	2	Department
	1701214-3	Functional Anatomy (2)	Required	1701213-3	3	Department

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College or Department)
	1704212-2	Exercises Physiology (2)	Required	1704211-3	2	Department
	1701222-2	Pathology	Required	1704211-3	2	Department
	1701224-2	Pharmacology	Required	1701221-2	2	Department
	1704225-2	Handicapped Psychology	Required	None	2	Department
Level 5	605301-2	The Holy Qur'aan III	Required	605201-2	2	Institutional
	1704351-3	Internal Diseases	Required	1701213-3 1701214-3	3	Department
	1704352-3	Physical Therapy in Internal Medicine	Required	1704231-3 1701214-3 1704212-2	3	Department
	1704326-3	Radiology	Required	1701214-3 1701222-2	3	Department
	1704353-2	Clinical Training (Internal Medicine)	Required	1701214-3 1704212-2 1704231-3	2	Department
	1704332-2	Medical Report Writing Skills	Required	1701214-3 1704212-2 1704231-3	2	Department
	1704333-3	Biomechanics	Required	1701214-3 1704212-2 1704231-3	3	Department
Level 6	601301-3	Islamic Culture III	Required	601201-2	3	Institutional
	1704371-3	Orthopedic Injuries and Diseases	Required	1701222-2 1704326-3	3	Department
	1704373-2	Orthopedic Clinical Training	Required	1704326-3 1704333-3	2	Department
	1704374-2	Physical Therapy for Sports Injuries	Required	1704333-3	2	Department
	1704343-4	Therapeutic Exercises	Required	1701214-3 1704212-2	4	Department
	1704344-2	Aquatic Therapy	Required	1704212-2	2	Department
	1704372-3	Orthopedic Physical Therapy	Required	1704242-2 1704333-3 1704326-3	3	Department
Level 7	605401-2	The Holy Qur'aan (IV)	Required	605301-2	2	Institutional
	1704481-3	Neurological Disorders	Required	1704326-3	3	Department
	1704482-2	Physical Therapy for Neurological Disorders	Required	1704343-4	2	Department
	1704483-2	Neurology Clinical Training	Required	1704373-2	2	Department
	1704494-3	Selected Topics in Physical Therapy I	Required	1704333-3	3	Department

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College or Department)
	1704419-2	Biostatistics and Research Methodology	Required	None	2	Department
Level 8	601401-2	Islamic Culture (iv)	Required	601301-3	2	Institutional
	1704499-4	Graduation Project	Required	1704419-2	4	Department
	1704491-3	Pediatric Diseases	Required	1704481-3 1704482-2	3	Department
	1704492-2	Physical Therapy for Pediatric Conditions	Required	1704483-2	2	Department
	1704493-2	Physical Therapy for the Older Adult	Required	1704343-4	2	Department
	1704475-2	Rehabilitation of Burn Patients	Required	1704343-4 1704344-2	2	Department
	1704495-3	Selected Topics in Physical Therapy II	Required	1704343-4	3	Department
	1704461-2	Practice Management Skills for Physical Therapists	Required	None	2	Department

Course Description

1704231-3 Clinical Tests and Measures in Physical Therapy Practice 3 Credits

This course introduces the students to the processes of evaluation of the muscle strength, range of motion, the length and circumference measurement of both upper and lower limbs. The assessment procedures include the use of manual muscle test, range of motion test using basic instrumented measures. At the end of this course the student will be able to explain and demonstrate the theoretical and basic practical skills needed for manual muscle testing, range of motion measurement, selected instrumented measurements, length and circumference measurements for the upper limb, lower limb, neck, trunk and face muscles.

1704241-2 Electrotherapy (1) 2 Credits

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge in electrotherapy modalities and their practical application in order to use electrotherapy and explain its therapeutic purposes with stress on therapeutic advantages, disadvantages, indications, contraindications, precautions and safety rules.

1704211-3 Exercise Physiology (1) 3 Credits

This course is aims to provide essential information related to human physiology and the integrations between systems in homeostasis and their relevance to the profession of Physiotherapist

1701221-2 Biochemistry for Physical Therapy**2 Credit**

The course is designed to extend the theoretical (2 CH), knowledge in the fields of basic and clinical biochemistry. The course discusses properly the energy sources in the body. The course is providing advice and interpretation of analytical results of glycogen disorders and muscle diseases. The course has a good idea about the Vitamin D metabolism, disorders, bone metabolism disorders. Through this course, the students will gain a core knowledge and understanding of the normal physiology and pathophysiology of the thyroid function tests, diabetes, cardiovascular diseases, inborn errors in amino acid metabolism and correlate with clinical symptoms with case studies related to physiotherapy.

1701213-3 Functional Anatomy (1)**3 Credit**

Functional Anatomy uses the basic structural knowledge provided in human Anatomy to develop an understanding of the functional significance of the structures of the musculoskeletal system (covering mechanical properties and functional characteristics). This course covers the musculoskeletal anatomy of the human upper and lower limbs concerning its structure and function. Anatomical principles are studied concerning the analysis and description of movement. The course includes the study of the functional aspects of muscles and joints and consideration of the mechanical properties of tissues.

1704223-2 Human Growth and Development**2 Credits**

This course aims to study the continuous process of development of human being throughout the life span from the moment of conception till the end of life. It studies all aspects of development and the processes of change and stability throughout the human life span.

1704242-2 Electrotherapy (2)**2 Credits**

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge in electrotherapy modalities and their practical application in order to use electrotherapy and explain its therapeutic purposes with stress on therapeutic advantages, disadvantages, indications, contraindications, precautions and safety rules.

1701214-3 Functional Anatomy (2)**3 Credits**

Functional Anatomy uses the basic structural knowledge provided in Human Anatomy to develop an understanding of the functional significance of the structures of the musculoskeletal system, within a movement setting (covering mechanical properties and functional characteristics). This course covers the musculoskeletal anatomy of the human neck, back, abdomen, and pelvis concerning its structure and function. Anatomical principles are concerning the analysis and description of movement. The course includes the study of the functional aspects of muscles and joints and consideration of the mechanical properties of tissues.

1704212-2 Exercises Physiology (2)**2 Credits**

This course is intended for the second year students of Physiotherapy Department during the second semester and aims to introduce the students of Physiotherapy Department to the physiological concepts of the functions and regulations of the nervous and muscular systems with emphasis on motor and sensory functions.

1701222-2 Pathology**2 Credit**

This course is intended to cover the general principles, terminology, diagnostic procedures, and basic concepts of pathology. It is also intended to identify pathological processes at the cellular and gross anatomical level and correlating these with the clinical symptoms and signs. The course will introduce the concepts of cell injury and the changes from normal structure and function in the human body, as occurs in disease. The various pathological processes comprises of topics in cellular adaptations, cell injury, inflammation , tissue repair, hemodynamic disorders, neoplasia, and topics from systemic pathology.

1701224-2 Pharmacology**2 Credit**

This course is designed to introduce the 2nd year students in the Program of Physical Therapy to the general and clinical concepts of human Pharmacology with especial focusing on drugs related to physiotherapy practice.

1704225-2 Handicapped Psychology**2 Credits**

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge in basic concepts and definitions in psychology. The students will acquire the sufficient professional level of knowledge about branches and theories in psychology. This course will further develop the student's understanding about normal psychology, learning process, developmental psychology, and normal behavior. This course presents also the deal with handicapped persons and theories to understand the psychology of handicapped people.

1704351-3 Internal Diseases**3 Credits**

This course provides student with the medical basics concerning the etiology, pathology, clinical manifestations and complications of cardiopulmonary, vascular and metabolic disorders. The most recent techniques used in evaluation, investigations and management those diseases are also covered.

1704352-3 Physical Therapy in Internal Medicine**3 Credits**

This course provides opportunities, by which the students develop a level of integration of theoretical knowledge, practical and clinical skills in the management of patients with pulmonary, cardiac and metabolic disorders. The student will acquire the sufficient skills and clinical practice based on the theoretical and academic knowledge in the field of physical therapy for pulmonary, cardiac and metabolic disorders; in order to professionally design the optimal treatment plan for these patients, as well as communicate with other medical team caring for this patient.

1704326-3 Radiology**3 Credits**

This course is designed to prepare physical therapist to become interpreters of medical information concerning different types of imaging techniques. The focus is on the concept of how to differentiate between different types of imaging and to differentiate between different pathological conditions related to different body systems. The objectives of the course are to give the student the basic principles of how to read and interpret the findings of different types of radio diagnostic tests, to produce a professional physical therapist with particular skills in evaluating different radiological findings and to obtain information about different diagnostic methods through researching the Internet and library resources.

1704353-2 Clinical Training (Internal Medicine)**2 Credit**

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge, practical and clinical skills in the management of patients with pulmonary, cardiac and metabolic disorders. The student will acquire the sufficient practical skills and clinical practice based on the theoretical and academic knowledge in the field of physical therapy for pulmonary, cardiac and metabolic disorders; in order to design the optimal treatment plan for those patients, as well as communicate professionally with other medical team who are caring for these patients. This course is designed to prepare physical therapist to become interpreters of medical information concerning different pulmonary, cardiac and metabolic disorders. Topics of this course include the clinical practice of physical therapy evaluation, prevention and treatment of patients with pulmonary, cardiac and metabolic disorders.

1704332-2 Medical Report Writing Skills**2 Credits**

This course provides the student with the ability to accurately and professionally write documentations in patient's files. The student will have the skills to communicate with health team professional through written reports and documents.

1704333-3 Biomechanics**3 Credits**

The principles of classical mechanics are applied to the study of human motion to provide students with an understanding of the internal and external forces acting on the body during human movement, the role of muscle in generating force and controlling movement is emphasized, using various technologies in a biomechanics lab for measuring kinematics. Along with making measurements and method development, students will also learn how to perform the calculations involved in analysis of collected data.

1704371-3 Orthopedic Injuries and Diseases**3 Credits**

This course is designed to prepare graduate to become professional at medical information concerning traumatology and orthopedics and to provide an understanding of the physical deficits encountered by persons with musculoskeletal disorders.

1704373-2 Orthopedic Clinical Training**2 Credits**

The Clinical Practice of Orthopedic Clinical Training course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge, practical and clinical skills to manage different musculoskeletal disorders to provide students with an understanding of the effect of physical therapy intervention on the patients and prepare the students to be able to apply the basic manual skills necessary for evaluation and treatment of different orthopedic; in order to design the optimal treatment plan for those patients, as well as communicate professionally with other medical team who are caring for these patients. This course is designed to prepare physical therapist to become interpreters of medical information concerning different.

1704374-2 Physical Therapy for Sports Injuries**2 Credits**

This course is designed to help student to recognize and understanding of the medical basics concerning the definition, etiology, clinical manifestations and complications of sports injuries and demonstrate the ability to develop and explain appropriate assessment and treatment technique used in management of soft tissue and musculoskeletal disorders that athletes suffered from.

1704343-4 Therapeutic Exercises**4 Credits**

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge, practical and clinical skills in therapeutic exercises in the prevention and rehabilitation of injury. This course is also designed to develop students' abilities in the application therapeutic exercises: range of motion: passive, active, active-assistive, resistance (manual/mechanical), stretching (active/passive), coordination and balance, aerobics, gymnastics, peripheral joint mobilization, types of posture and ways of spinal traction.

1704344-2 Aquatic Therapy**2 Credits**

This course provides the students with using of the hydrotherapy modalities and their practical application for therapeutic purposes with stress on therapeutic advantages, disadvantages, indications, contraindications, precautions and safety rules.

1704372-3 Orthopedic Physical Therapy**3 Credits**

The principles of orthopedic physical therapy are applied to manage different musculoskeletal disorders to provide students with an understanding of the effect of physical therapy intervention on the patients and prepare the students to be able to apply the basic manual skills necessary for evaluation and treatment of different orthopedic problems, also the students will learn how to perform the calculations involved in analysis of collected data.

1704481-3 Neurological Disorders**3 Credits**

This course is designed to provide student with the medical basics concerning the etiology, pathology, clinical manifestations and complications of neurological disorders. The most recent techniques used in evaluation, investigations and management those diseases will be covered.

1704482-2 Physical Therapy for Neurological Disorders**2 Credits**

This course is designed to provide opportunities, by which the students develop a level of integration of theoretical knowledge, practical and clinical skills in assessing and treating different neurological diseases and neuromuscular disorders. The student will acquire the sufficient skills and clinical practice based on the theoretical and academic knowledge in the field of physical therapy for neurology that enables the candidate to deal with any patient referred from the physician to be able to obtain the basic manual skills necessary for evaluation of different health problems; in order to design the optimal treatment plan for any patients suffering from any neuromuscular and/ or developmental problems, as well as communicate professionally with other medical team caring for this patient.

1704483-2 Neurology Clinical Training**2 Credits**

This course is designed to provide opportunities by which the students develop a level of integration between theoretical knowledge and skills in physical therapy evaluation and treatment of actual patients with neuromuscular disorders in out-patient's physical therapy departments as well as in-patient's neurosurgical departments. The student will acquire sufficient skills and experiences in clinical practice based on the theoretical and academic knowledge in the field of physical therapy for the common neurological and neurosurgical conditions that enables the candidate to deal with any patient referred from neurologist to apply the basic manual skills necessary for evaluation of different problems; in order to design the optimal physical therapy plan for patients suffering from any neuromuscular problems, as well as communicate professionally with other medical team caring for this patient.

1704494-3 Selected Topics in Physical Therapy I**3 Credits**

The principles of ergonomics are applied to the our daily activities, work place and how to use these principles in management of soft tissue, musculoskeletal and neurological disorders and provide students with an understanding about the relations between the ergonomics as a science and occupational therapy, orthotic and prosthetic designs and its applications in physical therapy field.

1704419-2 Biostatistics and Research Methodology**2 Credits**

This course provides principles of biostatistics as related to medical sciences. Sampling techniques, sampling distributions, estimation of parameters, probability, and probability distribution with emphasis on the normal distribution are covered. Tests of hypotheses, measures of association between two continuous variables (correlation and regression) and two discrete variables are also covered. This course also provides the principles of scientific methods of research and its application to physical therapy to enable students to develop their skills in selecting and defining research problems for developing criteria for scientific research. Students will critically evaluate selected articles and they will be divided into groups for supervised and directed research project.

1704499-4 Graduation Project**4 Credits**

This course provides the principles of scientific methods of research and its application to physical therapy to enable students to develop their skills in selecting and defining research problems for developing criteria for scientific research. Students will critically evaluate selected articles and they will be divided into groups for supervised and directed research project. The work involved in this course will be supervised and guided by faculty.

1704491-3 Pediatric Diseases**3 Credits**

This course is designed to prepare students to have a sufficient base of theoretical and practical knowledge and skills to conduct examination and intervention planning for specific disabilities in the context of current evidence. Lab component provides opportunity to apply gained knowledge to conduct specific examination and intervention maneuvers with educational models/dolls.

1704492-2 Physical Therapy for Pediatric Conditions**2 Credits**

This course is designed to prepare the graduate student to improve his clinical and practical skills for approaching and managing different pediatric disabilities and problems that need physical therapy interventions and rehabilitation. It also enable the student to deal with any cases referred to him from any members in the multidisciplinary rehabilitation team and professionally communicate with disabled children, their families and communities.

1704493-2 Physical Therapy for the Older Adult**2 Credits**

This course in geriatrics is designed to facilitate understanding of the elderly and their special needs. Biological, functional, psychological, and social changes due to aging and more common impairments, disabilities, and handicap that arise in the elderly, with emphasis on necessary modification of physiotherapy procedures for elderly population.

1704475-2 Rehabilitation of Burn Patients**2 Credits**

This course aims describe the pathology associated with skin and soft tissue burn and examine a patient with burns considering specific factors related to burn injury such as burn etiology, burn depth, and burn size. In addition, this course will explain interventions for patients with burn injuries, including those directed at wound healing and rehabilitation management.

1704495-3 Selected Topics in Physical Therapy II**3 Credits**

This course provides the student with different Obstetrics and Gynaecological conditions that can be treated by physical therapy and how to deal with them.

1704461-2 Practice Management Skills for Physical Therapists**2 Credits**

This course introduces students to the basic concepts and principles of healthcare management and quality. The course aims at defining health services organizations. It emphasizes the three elements of management process (resources, management functions and objectives). It provides students with knowledge and skills necessary to manage health services organizations to excellence through improving the performance of healthcare organizations.

Clinical training

Clinical training is an essential component of the undergraduate physical therapy plan of study. All students are required to participate in the clinical training courses in the assigned areas of the physical therapy based on the plan of study levels. Student will be supervised by a faculty member who will be serves as their clinical coordinator.

- Student must follow clinical education site's regulations and procedures.
- Student must demonstrate effective communication with clinical coordinator, colleagues, patients/caregivers and all other professional in health.
- Student must display a commitment to professional development and seeks opportunities to learn.
- Student must demonstrate teamwork abilities and respect other's cultural differences.

Internship in Physical Therapy

Internship is a 12-month training in physical therapy and rehabilitation center under supervision from an onsite supervisor as well as an academic supervisor from the department of physical therapy. Entry in internship is allowed only after successful completion of all prerequisite courses specified for the Physical Therapy program.

Detailed information about Internship guidelines, policies and regulations found at:

https://drive.uqu.edu.sa/_/fameds/files/internship%20year/202019%20الامتحانات/physical%20therapy.pdf

Graduation requirements

- Complete all required courses of the study plan with a minimum cumulative GPA of 1.00 out of 4.00.
- Student must adhere to the university, college and department policies and regulations.

Honors degree requirements:

- The first honorary degree is awarded to a student with a cumulative GPA of higher or equivalent to (3.75) at the time of graduation.
- The second honorary degree is awarded to a student who has a cumulative GPA of (3.25) to less than (3.75) from (4.00) at graduation.
- The student has not failed in any course of study at the university or in any other university.
- The student must complete the graduation requirements within a maximum period of time between the minimum and maximum stay in the college.
- The student must have studied at the university from which she\he will graduate at least 60% of the graduation requirements.

Classroom and Lab regulation

All students should adhere to the following Classroom and Lab regulation and show respectful and a professional behavior to colleagues, faculty member and staff and follow instructions provided by faculty member.

- Food and drink are not permitted into classrooms or labs.
- Use cell phone or any type of electronic devices during the lectures, labs, or clinical placement is not allowed
- Using the electronic device to take photos of other student, faculty member or staff on all university campus without permission is strictly prohibited.
- Student should keep the classroom and labs area clean and return the used equipments and chairs to its proper place.
- Student must dispose the trash in the waste cans located in the classrooms and labs.
- Student must switch off electricity and Air conditioning before leaving the labs.
- Smoking is not allowed on all department facilities.
- Student should report any accident in the labs or breakage of equipment to the responsible faculty member.

Student Counseling Services

The head of department conduct regular meetings with students in each semester to reemphasize on department regulations and policies including counseling services. Students are encouraged at the beginning of each academic year to reach out to the academic advisors to guide them towards appropriate services or events.

Academic Counseling:

- Academic Advisors: At the beginning of each academic year, the Head of Department allocate students to faculty members in the department for the purpose of academic counseling, including but not limited to registration, academic guidance, etc. Contact phone numbers and Emails of academic advisors are available to students in the program handbook as well as in the department website: <https://uqu.edu.sa/en/dpt/App/Instructors>
- Faculty Office Hours: There is a schedule for office hours for each faculty member provided to the students at the beginning of each semester for academic. Students can book an appointment using department website: <https://uqu.edu.sa/en/dpt/110573>

Career Counseling:

- Career counseling typically discussed in a didactic meetings between student(s) and academic supervisor and/or head of department.
- The career counseling event takes place in the last semester (level 8) as part of the internship orientation day. Students get to interact Training Affairs committee and exposed on the nature of potential careers and subspecialties of the physical therapy.

Psychological and Social Counseling:

The Student Guidance and Counseling Center at the Deanship of Student Affairs offers services for student who are in need for guidance and counseling services such as psychological, educational, professional, social, preventive and curative counseling. **The center supervises the provision of guidance and counseling services in three ways:**

1. Central counseling at the university level: student can directly contact the Student Guidance and Counseling Center at the Deanship of Student Affairs via the online booking system <https://uqu.edu.sa/en/studaff/App/Appointments>.
2. Decentralized counseling through coordination between the center and the departments in the university's colleges and institutes: by referral based on recommendation of academic advisor/ head of department.
3. Joint counseling between the center, colleges and departments by taking over aspects that colleges and departments cannot perform, such as psychological, social and professional counseling. On their part, the colleges, institutes and departments undertake aspects of academic guidance and participate in other aspects of counseling, such as social, academic and educational counseling.

Academic Advisors

In the beginning of the academic year each student will be assigned to a faculty member to serve as her/his academic advisor. The purpose of the academic advisors is to help student to adapt with the university community and assist students in identifying their educational, career, and personal goals.

Advisor Responsibilities to the Student:


- Prepare a file for each student and must include the following:
 - Student information
 - Updated transcripts
 - Student's semester schedule
 - Medical and psychological health information
 - Vaccination statuses
 - Challenges and Difficulties facing student
- Meet the student on regular basis (at least three time during semester) during the office hours.
- Provide student with an orientation to university and department facilities
- Introduce the student to the university, collage, and program graduation requirements
- Inform the student about the academic and university policies and regulations
- Provide guidance for student's how need to overcoming their weaknesses and resolving problems related to their progress.
- Provide students with adding, dropping and withdrawal scheduling date announced by deanship of admission and registration
- Assist student in make appropriate choice related to their academic progress.
- Provide additional regular meeting for student who is academically struggling.
- Keep a record for each student that includes information of student meetings, academic progress, and administrative-related issue.

Appointment with faculty members


Students can schedule an appointment with a faculty member to discuss any of the academic related issues.

The process for scheduling an appointment with department faculty is as follows:

- Log in to <https://uqu.edu.sa/en>
- Go to Collage of applied medical science website > academic department > Physical Therapy department
- Click on book an appointment with a faculty member that can be found under the *Affiliate Service Section (figure below)*
- Select faculty member you would like to set an appointment with and click on schedule appointment.
- Select preferred time and date then complete the scheduling form.
- Once scheduling process completed you will receive a confirmation e-mail.



The screenshot shows the website for the Physiotherapy department at Umm Al-Qura University. The navigation menu includes: Home, About the Department, Academic Programs, Personnel, Affiliate Services (highlighted), Scientific Research, Department Initiatives, Graduates, and Contact Us. Under the 'Affiliate Services' menu, the 'Academic Advising Booking System' link is highlighted with a red box. Other links include Academic Staff Services, Student Services, Rules and Regulations, and Important Links.




The banner features a close-up of a hand performing a physical therapy technique on a person's back, with the text 'قسم العلاج الطبيعي' (Natural Treatment Department) in Arabic.

Neurowood Event

Neurowood Event

Important News



جامعة أم القرى
UMM AL-QURA UNIVERSITY

Reset Exams- Bachelor of Physical Therapy, Second Semester 1443H

Unforgettable Moments

Unforgettable Moments

STUDENT LEARNING RESOURCE

Student Resource list

The faculty members will prepare and provide the student with the relevant scientific materials and resources related to their courses. In addition, the deanship of library affairs provides the student with up-to-date reference and resources to complement the learning process. The deanship of library affairs website is offering a variety of learning resources services to the students include the following:

- King Abdullah Library

King Abdullah bin Abdul-Aziz Library at Umm Al-Qura University is a scientific, cultural, educational and social institution that aims to collect and develop information sources in various ways (purchases, dedications, exchanges, donations), and organize and restore them in the shortest possible time. It also aims to present these sources to the community of beneficiaries through a combination of traditional services, such as borrowing, references, periodicals, photocopying, and modern services, including ongoing briefings, selective broadcasting of information, and other specialized services. All these services are provided by efficient human cadres who are qualified, scientifically and technically, in the field of library and information science. Guidebooks and Instructions on the E-Services Offered by King Abdullah Library is available at the deanship of library affairs website.

For more information about king Abdullah library locations and working hours please contact the deanship of library affairs via E-mail:

- King Abdullah University Library (Female Section) :
libg@uqu.edu.sa
- Deanship of Library Affairs:
Lib@uqu.edu.sa
- Saudi Digital library and database

The Saudi Digital library and other database It is a great information resources that cover various fields of knowledge which complement the educational process by providing the students with up-to-date references. Guidebooks and instructions about how to access the database and Information resources can be found on the deanship of library affairs website.

- E-Services Offered by the Library

The deanship of library affairs is offering electronic services include:

- Borrowing Service
- Scientific Theses and Research Project Services
- Scientific Theses and Research Project Services
- Training and Advising Program Services
- Booking and Visits Services
- Supporting Services

College of Applied Medical Science Library

Female student can access the College of applied medical science library which located on College of Medicine – main campus.

Library visitors should abide by the following etiquette:

- Be quiet and do not make any noise.
- Do not abuse the property of visitors and those working in the library.
- Preserve library items, and do not abuse them in a way that damages them.
- Leave books on the table after using them, and do not return them to their shelves.
- Do not take books out illegally.
- Offer prayer in congregation at the due time.
- Do not sleep in library aisles, corners, or any other area in the building.
- Use computers and internet services for their due purposes:(learning, scientific research, and searching in information sources, library lists and database). You are not allowed to use them to watch videos, follow social media networks, read the news, and purposes other than those for which they were dedicated.
- Abide by the directions of the field supervisors: library employees and security forces.
- Library officials can ask for your university card or any official document of any visitor, at any time; and the later has no right to refuse.
- Library officials have the right to expel any visitor who does not abide by the regulations and directions.
- Negligence of the etiquette and directions stated in these executive regulations, which are also displayed in the library, is regarded as a disciplinary offense; and the one committing this should be referred to the disciplinary councils at the university, according to the applied regulations. The university submits a letter in this regard to the competent bodies.
- Abuse of library employees and security forces is a great violation of the law that should be referred directly to the President of the University for him to take the necessary action in a way that guarantees the rights of workers.

**DEPARTMENT OF PHYSICAL THERAPY
INFORMATION**

Faculty Contact List

Dr. Mohammed S. Alghamdi	Head of of Physical Therapy Department Assistant Professor in Pediatric Rehabilitation E-mail: msghamdi@uqu.edu.sa
Dr. Ehab Mohamed Kafy	Professor in Pediatric Rehabilitation E-mail: emkafy@uqu.edu.sa
Dr. Hayam Mahmoud Mahmoud	Professor in neurological Rehabilitation E-mail: hmmehmoud@uqu.edu.sa
Dr. Anwar Abdelgayed Ebid	professor in Orthopedic and Burn & Surgery E-mail aaebeed@uqu.edu.sa
Dr. Mohamed Ibrahim Salem	Professor in Orthopedic E-mail: mmsalem@uqu.edu.sa
Dr. Shamekh Mohamed Elshamy	Associate Professor in Pediatric E-mail: smshamy@uqu.edu.sa
Dr. Amir Abdelraouf El Fiky	Associate Professor in Neurology E-mail: aafiky@uqu.edu.sa
Dr. Ali Abd El Monsif Hussein	Associate Professor in Women Health E-mail: aahussein@uqu.edu.sa
Dr. Kadrya Hosny Battecha	Associate Professor in Basic science E-mail: khbattecha@uqu.edu.sa
Dr. Gihan Samir Mousa	Associate Professor in Cardiopulmonary E-mail: gsmousa@uqu.edu.sa
Dr. Mohamed Salaheldien Alayat	Associate Professor in Basic science E-mail: msayiat@uqu.edu.sa
Dr. Ashraf Abdelaal Abdelaal	Associate Professor in Cardiopulmonary Rehabilitation E-mail: aaabdelaal@uqu.edu.sa
Dr. Abeer Ramdan Awad	Associate Professor in basic Sciences & Orthopedic E-mail: arawad@uqu.edu.sa
Dr. Abdulaziz Mahmoud M Awali	Assistant Professor in Pain and Basic science E-mail: amawali@uqu.edu.sa
Dr. Alaa Abdulhafiz Khushhal	Assistant Professor in Cardiopulmonary Rehabilitation E-mail: aakhushhal@uqu.edu.sa
Dr. Wesam Saleh A Al Attar	Assistant Professor in Sports Medicine E-mail: wsattar@uqu.edu.sa
Dr. Abdelgalil Shaaban	Assistant Professor in Orthopedic Email: aaashabaan@uqu.edu.sa
Dr. Moayad Saleh Subahi	Lecturer in Orthopedic E-mail: mssubahi@uqu.edu.sa
Mr. Moiyad Saleh Aljehani	Lecturer in Biomechanic E-mail: msjehani@uqu.edu.sa
Mr. Ammar Suliman Fadil	Lecturer in Basic Sciences E-mail: asfadil@uqu.edu.sa
Mr. Mansour Abdullah Alshehri	Teaching Assistant in Orthopedic E-mail: mamshehri@uqu.edu.sa
Mr. Abdullah Ali Takrouni	Teaching Assistant in sport and Orthopedic

	E-mail: abtakrouni@uqu.edu.sa
Mr. Ibrahim Jamman Al Ghamdi	Teaching Assistant in Neurology E-mail: ijghamdi@uqu.edu.sa
Mr. Rayan Ali A Falemban	Teaching Assistant in occupational therapy E-mail: rafalemban@uqu.edu.sa
Mr. Ahmed Alalawi	Teaching Assistant in Orthopedics E-mail: amalawi@uqu.edu.sa
Ms. Roaa Abdulghani Sroge	Teaching Assistant in sport and Orthopedic E-mail: rasroge@uqu.edu.sa
Ms. Fahda Mohammed Alshiakh	Teaching Assistant in Women's Health E-mail: fmshiakh@uqu.edu.sa
Mr. Hammad Sajjad M Alhasan	Teaching Assistant in Geriatrics E-mail: hshasan@uqu.edu.sa
Ms. Dalin Khalid Shaban	Teaching Assistant in Basic Sciences E-mail: dkshaban@uqu.edu.sa
Ms. Bayan Muteb Aldhahwani	Teaching Assistant in Neurology Rehabilitation E-mail: bmdhahwani@uqu.edu.sa
Ms. Omamah Yahya Rehbeeni	Teaching Assistant in Pediatric Rehabilitation E-mail: oyrehbeeni@uqu.edu.sa


Staff Contact List

Mamdouh Azhari	Male secretary section Email: mmazhari@uqu.edu.sa
Fatema Al Shamrani	Female secretary section Email: fmashamrani@uqu.edu.sa
Abdulrahman Imam	Lab technician Email: amimam@uqu.edu.sa

Umm Al-Qura university – Al Abdeyah campus Map



Physical Therapy Program Handbook Approval

Role	Name	Date/ Signature
Head of Department	Dr. Mohammed Alghamdi	August 25, 2022 

Handbook Versions

Version number	Prepared by	Date
1.0	Dr. Mohamed Alayat	2015-2019
1.1	Dr. Mohamed Alayat	2020
2.0	Ms. Bayan Aldhahwani	2021