

Physical Therapy Program Guide

Faculty of Medical Rehabilitation Sciences | King Abdulaziz University

1.1 Historical Background

The Faculty of Medical Rehabilitation Sciences was established in 1434 AH to meet national needs for rehabilitation sciences education for men and women. It was the first faculty at King Abdulaziz University and in the Kingdom to bring together five distinctive health disciplines: respiratory therapy, occupational therapy, physical therapy, speech and hearing disorders, and prosthetics and orthotics.

The Faculty offers academic programs with high-quality educational and training outcomes relevant to the labor market, under the supervision of highly qualified academic leaders and faculty members.

1.2 Faculty Vision

Excellence in medical rehabilitation sciences through partnerships with a sustainable impact on society.

1.3 Faculty Mission

To prepare professionals in medical rehabilitation sciences through academically, scientifically, and professionally distinguished programs that enhance the quality of life of individuals and the community.

1.4 Faculty Goals

- Improve academic practices and performance.
- Develop administrative practices and performance.
- Advance scientific research and innovation.
- Strengthen community partnerships.
- Develop infrastructure and technology.
- Increase self-generated resources.

1.5 Faculty Admission Requirements (General)

- Admission to the Faculty of Medical Rehabilitation Sciences follows the direct admission process for health faculties. A weighted score is calculated from the secondary school grade, the General Aptitude Test, and the Scholastic Achievement Test, as specified in the admission guide issued by the Deanship of Admission and Registration.
- Students are assigned to departments according to the available seats and their preferences, with selection based on cumulative GPA. The Faculty Council reviews the number of available seats annually.

1.6 Community and Labor Market Need for Faculty Disciplines

- Faculty graduates work in several settings, including hospitals and clinics, rehabilitation centers, and research centers.

1.8 Faculty Departments and Divisions

Department	Discipline
Treatment of hearing and speech disorders	Audiology and Speech Therapy
Physical Therapy	Physical Therapy
Occupational Therapy	Occupational Therapy
Respiratory Therapy	Respiratory Therapy
Speech and Hearing Disorders	Hearing and Balance
Speech and Hearing Disorders	Speech Disorders

1.9 Degrees Awarded by the Faculty

- Bachelor of Science in Physical Therapy
- Bachelor of Science in Occupational Therapy
- Bachelor of Science in Respiratory Therapy
- Bachelor of Science in Speech and Hearing Disorders
- Bachelor of Science in Prosthetics and Orthotics

1.10 Department Codes

Department	English Code	Arabic Code	Course Code
Occupational Therapy	OCTH	OCTH	OCTH
Prosthetics and Orthotics	PROR	PROR	PROR
Respiratory Therapy	RSTH	RSTH	RSTH
Speech and Hearing Disorders	SLPA	SLPA	SLPA
Physical Therapy	PHTH	PHTH	PHTH

1.11 Graduation Requirements

Graduation Requirements	Required	Elective	Free Electives	Total
University Requirements	23	0	0	23
Faculty Requirements	30	0	0	30
Department Requirements	66	12	6	84
Program Credit Hours				137

1.12 University Requirements

Course Name	Course Code	Arabic Code	Credit Hours
Islamic Culture 3	ISLS 301	301	2
Arabic Language 1	ARAB 101	101	3
Islamic Culture 1	ISLS 101	101	2
Arabic Language 2	ARAB 201	201	3
Islamic Culture 4	ISLS 401	401	2
Islamic Culture 2	ISLS 201	201	2
English for Health Sciences 2	ELIH 120	120	3
English for Health Sciences 1	ELIH 110	110	3
Programming and Problem Solving	CPIT 110	110	3
Total Credit Hours			23

1.13 Faculty Requirements

Course Name	Course Code	Arabic Code	Theory	Practical	Training	Credit Hours	Prerequisites
General Biology (Health Track)	BIO 112	BIO 112				3	
Physics (Health Track)	PHYS 112	PHYS 112				3	
Biochemistry for Medical Rehabilitation Sciences	BCHM 202	202	2			2	
General Chemistry (Health Track)	CHEM 112	CHEM 112				3	
Management for Medical Rehabilitation Sciences	PHTH 402	PHTH 402	2			2	
Employability Skills for Medical Rehabilitation	PHTH 403	PHTH 403	3			3	
Anatomy for Medical Rehabilitation Sciences	ANTM 204	204	3			3	
Psychology in Rehabilitation	PHTH 399	PHTH 399	2	0	0	2	
Medical Statistics (Health Track)	STAT 112	STAT 112				3	
Physiology for Medical Rehabilitation Sciences	PHYM 204	204	3			3	
Mathematics (Health Track)	MATH 112	MATH 112				3	
Total Credit Hours						30	

2.1 About the Department

The Department of Physical Therapy was established in 2003. It specializes in the study and application of physical therapy methods to rehabilitate patients whose injuries or medical conditions affect movement and function. Students learn to assess patients and develop comprehensive treatment plans using techniques that improve mobility and physical function. The department offers undergraduate and postgraduate programs that develop clinical and theoretical skills in movement rehabilitation, pain management, postoperative rehabilitation, sports injury treatment, and the management of chronic conditions such as arthritis and neurological disorders. Modern laboratories and facilities support practical training, alongside clinical placements in accredited hospitals and medical centers. The department aims to graduate qualified physical therapists who provide excellent care, improve patients' quality of life, and contribute to healthcare development.

2.3 Department and Program Mission

To prepare qualified physical therapy professionals with strong scientific and research competence who promote social responsibility and community partnerships to improve patients' quality of life.

2.4 Department and Program Goals

- Prepare qualified physical therapy practitioners with advanced intellectual skills.
- Prepare trusted professionals who contribute to community services and community development.
- Enable graduates to apply research skills in clinical practice.

2.5 Alignment with the Faculty Goals and Mission

Faculty Goals	Alignment with the Program
Academic and Professional Excellence	Preparing qualified practitioners with the necessary knowledge and clinical skills.
Research and Innovation	Linking clinical practice with research and evidence-based practice.
Community Partnership	Preparing graduates who provide community services that help improve quality of life.

2.6 Department Admission Requirements (General)

- The applicant must be a Saudi national, the child of a Saudi mother, or the mother of a Saudi son.
- Meet King Abdulaziz University's general admission requirements.
- Successfully complete the preparatory year.
- Meet the GPA threshold set by the Faculty for placement.
- Be medically fit.

2.7 Attendance

Students must comply with attendance, academic progression, and grievance requirements under King Abdulaziz University regulations and the Faculty's approved procedures. Academic advisors monitor students' progress and provide support as needed.

2.9 Program Completion and Graduation Requirements

Graduation Requirements	Required	Elective	Free Electives	Total
University Requirements	23	0	0	23
Faculty Requirements	30	0	0	30
Department Requirements	66	12	6	84
Program Credit Hours				137

2.10 Student Grievances

Students submit grievances in accordance with King Abdulaziz University regulations and the Faculty's approved procedures. Academic advisors monitor students' progress and provide support as needed.

2.11 Graduate Career Opportunities

The program prepares graduates to work as physical therapists in the following sectors:

1. Government hospitals.
2. Private hospitals.
3. Military hospitals.
4. National Guard hospitals.
5. Private clinics.
6. Rehabilitation centers.
7. Sports clubs.
8. Universities and educational institutes.
9. Specialized research centers.
10. Geriatric care centers.

2.13 Required Department Courses

Course Name	Course Code	Arabic Code	Credit Hours	Prerequisites
Fundamentals of Assessment and Testing	PHTH 271	PHTH 271	4	BIO 110
Therapeutic Modalities 1	PHTH 272	PHTH 272	4	BIO 110
Therapeutic Modalities 2	PHTH 274	PHTH 274	4	BIO 110
Therapeutic Exercise	PHTH 273	PHTH 273	4	BIO 110
Biomechanics	PHTH 229	PHTH 229	2	ANTM 204
Physical Therapy for Cardiopulmonary Conditions	PHTH 334	PHTH 334	4	PHTH 271 PHTH 272
Clinical Training in Cardiopulmonary Physical Therapy	PHTH 335	PHTH 335	3	PHTH 271 PHTH 272
Physical Therapy for Musculoskeletal Conditions	PHTH 341	PHTH 341	4	PHTH 271 PHTH 272
Clinical Training in Musculoskeletal Physical Therapy	PHTH 343	PHTH 343	3	PHTH 271 PHTH 272

Course Name	Course Code	Arabic Code	Credit Hours	Prerequisites
Physical Therapy for Sports Injuries	PTH 342	PTH 342	2	PTH 271 PTH 272
Physical Therapy for Older Adults	PTH 432	PTH 432	2	PTH 271 PTH 272
Pediatric Physical Therapy	PTH 454	PTH 454	4	PTH 271 PTH 272
Clinical Training in Pediatric Physical Therapy	PTH 455	PTH 455	3	PTH 271 PTH 272
Physical Therapy for Women's Health	PTH 461	PTH 461	2	PTH 271 PTH 272
Physical Therapy for Wound Care	PTH 494	PTH 494	2	PTH 229
Neurological Physical Therapy	PTH 481	PTH 481	4	PTH 271 PTH 272
Clinical Training in Neurological Physical Therapy	PTH 482	PTH 482	3	PTH 271 PTH 272
Physical Therapy Graduation Research	PTH 491	PTH 491	2	STAT 110
Anatomy	ANTM 210		3	BIO 112
Physiology	PHYM 210		3	BIO 112
Pathology	PATM 310		2	PHYM 210
Pharmacology	PHAM 310		2	BCHM 202
Total Credit Hours			66	

2.14 Department Elective Courses

Elective Course Category	Credit Hours	Course Code	Course Name
Physical Therapy Electives, Medical Rehabilitation Sciences	3	PTH 321	Movement Analysis
	3	PTH 421	Musculoskeletal Biomechanics
	3	PTH 456	Growth and Development
	3	PTH 483	Physical Therapy for Neurosurgery
	3	PTH 484	Vestibular Rehabilitation
	3	PTH 485	Neuroscience
	3	PTH 492	Orthoses and Prostheses
	3	RADP 412	Radiology and Physical Therapy
Total Credit Hours			12

2.15 Study Plan

Level 1

Course Name	Course Code and Number	Credit Hours	Prerequisites
General Biology for the Health Track	BIO 112	3	
General Chemistry for the Health Track	CHEM 112	3	
English for the Health Track 1	ELIH 110	3	
Islamic Culture 1	ISLS 101	2	
Medical Statistics for the Health Track	STAT 112	3	
Total per semester = 14			

Level 2

Course Name	Course Code and Number	Credit Hours	Prerequisites
Arabic Language 1	ARAB 101	3	
Programming and Problem Solving	CPIT 110	3	
English for the Health Track 2	ELIH 120	3	
Mathematics for the Health Track	MATH 112	3	
Physics for the Health Track	PHYS 112	3	
Total per semester = 15			

Level 3

Course Name	Course Code and Number	Credit Hours	Prerequisites
Anatomy for Medical Rehabilitation Sciences	ANTM 204	3	
Arabic Language 2	ARAB 201	3	
Biochemistry for Medical Rehabilitation Sciences	BCHM 202	2	
Islamic Culture 2	ISLS 201	2	
Fundamentals of Assessment and Testing	PHTH 271	4	
Therapeutic Modalities 1	PHTH 272	4	
Physiology for Medical Rehabilitation Sciences	PHYM 204	3	
Total per semester = 21			

Level 4

Course Name	Course Code and Number	Credit Hours	Prerequisites
Anatomy	ANTM 210	3	BIO 112
Islamic Culture 3	ISLS 301	2	-
Biomechanics	PHTH 229	2	ANTM 204
Therapeutic Exercise	PHTH 273	4	BIO 112
Therapeutic Modalities 2	PHTH 274	4	BIO 112
Physiology	PHYM 210	3	BIO 112

Total per semester = 18

Level 5

Course Name	Course Code and Number	Credit Hours	Prerequisites
Islamic Culture 4	ISLS 401	2	-
Pathology	PATM 310	2	PHYM 210
Physical Therapy for Cardiopulmonary Conditions	PHTH 334	4	PHTH 271, PHTH 272
Clinical Training in Cardiopulmonary Physical Therapy	PHTH 335	3	PHTH 271, PHTH 272
Psychology for Medical Rehabilitation Sciences	PSY 399	2	-
Pharmacology	PHAM 310	2	BCHM 202

Total per semester = 15

Level 6

Course Name	Course Code and Number	Credit Hours	Prerequisites
Physical Therapy for Musculoskeletal Conditions	PHTH 341	2	PHTH 271, PHTH 272
Physical Therapy for Sports Injuries	PHTH 342	4	PHTH 271, PHTH 272
Clinical Training in Musculoskeletal Physical Therapy	PHTH 343	3	ANTM 210, PHTH 271, PHTH 272

Total per semester = 9

Level 7

Course Name	Course Code and Number	Credit Hours	Prerequisites
Physical Therapy for Older Adults	PHTH 432	2	PHTH 271, PHTH 272
Pediatric Physical Therapy	PHTH 454	4	PHTH 271, PHTH 272
Clinical Training in Pediatric Physical Therapy	PHTH 455	3	PHTH 271, PHTH 272
Physical Therapy for Women's Health	PHTH 461	2	PHTH 271, PHTH 272
Physical Therapy for Wound Care	PHTH 494	2	PHTH 229

Total per semester = 13

Level 8

Course Name	Course Code and Number	Credit Hours	Prerequisites
Management for Medical Rehabilitation Sciences	PHTH 402	2	-
Employability Skills for Medical Rehabilitation	PHTH 403	3	-
Neurological Physical Therapy	PHTH 481	4	PHTH 271, PHTH 272
Clinical Training in Neurological Physical Therapy	PHTH 482	3	PHTH 271, PHTH 272
Physical Therapy Graduation Research	PHTH 491	2	STAT 110/112
Total per semester = 14			

Level 9

Course Name	Course Code and Number	Theory	Practical	Training	Credit Hours	Prerequisites
Physical Therapy Electives, Medical Rehabilitation Sciences	PHTH-ELEC 000				12	
Physical Therapy Free Electives, Medical Rehabilitation Sciences	PHTH-FREE 000				6	
Total per semester = 18						

Total = 137

3.2 Faculty Members

Name	Academic Rank	General Specialty	Specific Specialty
Rizq Allah Mustafa Qawqazeh	Professor	Physical Therapy	Basic Sciences
Shehab Mahmoud Al-Muzain	Professor	Physical Therapy	Cardiopulmonary and Geriatric Physical Therapy
Mutaz Reda Al-Maddah	Associate Professor	Physical Therapy	Orthopedics
Ziad Abdel Latif Neamatallah	Associate Professor	Physical Therapy	Biomechanics
Saad Suleiman Al-Fawaz	Associate Professor	Physical Therapy	Orthopedics
Omar Mohammed Al-Abbasi	Associate Professor	Physical Therapy	Musculoskeletal Conditions
Majed Abdulaziz Al-Badi	Associate Professor	Physical Therapy	Sports Injuries and Biomechanics
Mutasim Dughaiman Al-Harbi	Associate Professor	Physical Therapy	Geriatrics
Ahmed Mostafa Abou El-Enein	Associate Professor	Physical Therapy	Basic Sciences
Mohammed Fawzi Al-Banna	Associate Professor	Physical Therapy	Pediatrics
Fayaz Rahman Khan	Associate Professor	Physical Therapy	Neurological Rehabilitation
Mohammed Faisal Kunan	Associate Professor	Physical Therapy	Orthopedic Surgery and Sports
Abdullah Mohammed Al-Garni	Assistant Professor	Physical Therapy	Orthopedics
Rani Hussein Othman	Assistant Professor	Physical Therapy	Orthopedics
Ammar Issam Hafiz	Assistant Professor	Physical Therapy	Vestibular and Balance Rehabilitation

Name	Academic Rank	General Specialty	Specific Specialty
Amer Abdeljalil Al-Saif	Assistant Professor	Physical Therapy	Vestibular and Balance Rehabilitation
Tamer Mohammed Shehab	Assistant Professor	Physical Therapy	Pediatrics
Nabil Hamdan Al-Ghamdi	Assistant Professor	Physical Therapy	Orthopedic and Sports Injuries
Rayan Hassan Jastaniah	Assistant Professor	Physical Therapy	Basic Sciences
Khalid Mohammed Yaseen	Assistant Professor	Physical Therapy	Orthopedics and Basic Sciences
Muhannad Fareed Felemban	Assistant Professor	Physical Therapy	Orthopedics and Basic Sciences
Baraa Hussein Al-Suleimani	Assistant Professor	Physical Therapy	Pediatrics and Orthopedics
Ahmed Ali Thanoon	Assistant Professor	Physical Therapy	Sports Injuries
Mohammed Mamdouh Sobhi	Assistant Professor	Physical Therapy	Orthopedics
Yousef Abdullah Al-Surayhi	Lecturer	Physical Therapy	Pediatrics and Orthopedics
Ammar Saeed Al-Sayyad	Lecturer	Physical Therapy	Neurology
Abdullah Lafi Ali Al-Zubaidi	Lecturer	Physical Therapy	Geriatrics
Abdullah Omar Bajafar	Lecturer	Physical Therapy	Cardiopulmonary Rehabilitation
Yasser Youssef Al-Samadani	Lecturer	Physical Therapy	Orthopedics

Name	Academic Rank	General Specialty	Specific Specialty
Salwa Roshdy El-Gendy	Professor	Physical Therapy	Cardiopulmonary and Geriatric Physical Therapy
Afnan Mohammed Al-Khateeb	Associate Professor	Physical Therapy	Pediatrics
Baian Abdullah Baattiah	Associate Professor	Physical Therapy	Cardiopulmonary Rehabilitation
Afnan Suhail Qammash	Associate Professor	Physical Therapy	Pediatrics
Masha'el Ghazi Al-Sobhi	Associate Professor	Physical Therapy	Orthopedics
Heba Mohammed Embaby	Associate Professor	Physical Therapy	Women's Health
Rawan Ali Al-Dhabi	Associate Professor	Physical Therapy	Orthopedics
Anfal Adnan Astek	Assistant Professor	Physical Therapy	Sports Injuries
Rana Osama Al-Marzouki	Assistant Professor	Physical Therapy	Neurology
Ohoud Adnan Saber	Assistant Professor	Physical Therapy	Pediatrics
Ejlal Abdullah bin Maleeh	Assistant Professor	Physical Therapy	Geriatrics
Sarah Yasser Mohammed Al-Mansouri	Assistant Professor	Physical Therapy	Neurology
Aya Nabil Ismail	Assistant Professor	Physical Therapy	Basic Sciences
Abeer Samir Jamal	Assistant Professor	Physical Therapy	Pediatrics
Amal Mutlaq Al-Subaie	Assistant Professor	Physical Therapy	Biomechanics
Shatha Mohammed Qadah	Assistant Professor	Physical Therapy	Women's Health
Fatima Amin Shamseldin	Assistant Professor	Physical Therapy	Pediatrics

Name	Academic Rank	General Specialty	Specific Specialty
Aseel Jamal Baamer	Lecturer	Physical Therapy	Pediatrics
Hana Khalid Al-Mufadda	Lecturer	Physical Therapy	Orthopedics
Nawal Hariz Al-Jumai	Lecturer	Physical Therapy	Women's Health
Esraa Anis Ahmed	Lecturer	Physical Therapy	Cardiopulmonary Rehabilitation
Joud Mohammed Sabbagh	Lecturer	Physical Therapy	Biomechanics
Joud Ahmed Al-Ahmadi	Lecturer	Physical Therapy	Neurology
Ghazal Tariq Bahrawi	Lecturer	Physical Therapy	Geriatrics
Aseel Faisal Mazi	Lecturer	Physical Therapy	Neurology
Raghad Obaidullah Al-Sulami	Lecturer	Physical Therapy	Cardiopulmonary Rehabilitation
Iman Khalid Al-Hindi	Teaching Assistant	Physical Therapy	Neurology
Balsam Jamal Al-Ammari	Teaching Assistant	Physical Therapy	Neurology