

Department of physiotherapy and rehabilitation sciences

Introduction Physical therapy is an essential segment of modern health care system. It is a "science of healing and art of caring". It pertains to the evaluation, assessment and treatment of musculoskeletal, Neurological, CardioVascular and Respiratory systems' functional disorders including symptoms of pain, edema, physiological, structural and psychosomatic ailments. It also deals with methods of treatment based on movement, manual therapy, physical agents, and therapeutics modalities to relieve the pain and other complications.

Goals of the Program

1. Hence, Physical therapy covers basic parameters of healing sciences i.e. preventive, promotive, diagnostic, rehabilitative, and curative.
 2. The purpose of the Doctor of Physical Therapy Program (DPT) is to prepare Physical Therapists who will be primary providers of physical therapy care.
 3. 2. Serve as responsible members in the professional community and are willing and able to assume leadership roles in the communities they serve
 4. Identify researchable problems, advocate and participate in research, and incorporate research findings into clinical practice.
 5. Understand and place in context the social, economic and cultural issues of practice and effectively advocate for changes in policy Correlate theory with practice and think creatively about, react to, adapt or shape new practice environments
 6. Participate in and provide education for communities, patients, peers, students and others.
5. Correlate theory with practice and think creatively about, react to, adapt or shape new practice environments.

Objectives of the Program

Graduates of the Doctor of Physical Therapy Program will

1. Demonstrate in-depth knowledge of the basic and clinical sciences relevant to physical therapy, both in their fundamental context and in their application to the discipline of physical therapy
2. Understand, correlate and apply theoretical foundations of knowledge to the practice of physical therapy; evaluate and clarify new or evolving theory relevant to physical therapy
3. Demonstrate the behaviors of the scholarly clinician by developing and utilizing the process of critical thinking and inquiry, particularly focused on the improvement of the practice of physical therapy and the delivery of health care
4. Engage in reflective practice through sound clinical decision making, critical self-assessment and commitment to lifelong learning.
5. Demonstrate mastery of entry level professional clinical skills. Provision of these services is based on the best available evidence and includes physical therapy examination, evaluation,

- diagnosis, prognosis, intervention, prevention activities, wellness initiatives and appropriate health care utilization
6. Prepared to influence the development of human health care regulations and policies that are consistent with the needs of the patient and of the society.
 7. Demonstrate leadership, management, and communication skills to effectively participate in physical therapy practice and the health care team
 8. Incorporate and demonstrate positive attitudes and behaviors to all persons.
 9. Demonstrate the professional and social skills to adapt to changing health care environments to effectively provide physical therapy care

Eligibility

The criterion for admission to DPT is intermediate at least in first Division (60%marks) and entry test also mandatory.

DPT Course

1. DPT Program Structure

1.1 Program Duration

The duration of DPT Program will be FIVE years. The program will be having total of ten (10) semesters.

Each year there will be two semesters namely the Fall Semester (September to January) and the Spring Semester (February to June).

Each semester will be of 18 weeks duration that will be arranged as follows:

Week 1 - Week 8: Teaching and training

Week 9: Mid-term Exam

Week 10 - Week17: Teaching and Training

Week 18: Final Exam

1.2 Credit Hours

The DPT Program has 174 credit hours. Total credit hours are accumulated in Theory credit hours 130 and practical credit hours 44 in ten semesters

1.3 Medium of Instruction

The medium of instruction for all courses in the MPH program will be English

1.4 Instructional Strategies

The instructional strategies include lectures, group discussions, tutorials, seminars, problem based learning, self-study, field work etc.

2. Semester wise distribution of courses

The distribution of the courses in the four semesters is given in the following tables.

		FIRST PROFESSIONAL YEAR	
FIRST SEMESTER	DPT 3101	ANATOMY –I	4(3-1)
	DPT 3102	PHYSIOLOGY-I	3(2-1)
	DPT 3103	KINESIOLOGY-I	3(2-1)

	DPT 3104	ENGLISH-I (FUNCTIONAL ENGLISH)	3(3-0)
	DPT 3105	PAKISTAN STUDIES	2(2-0)
	DPT 3106	INTRODUCTION TO COMPUTER	3(2-1)
		Credit Hours	18
SECOND SEMESTER	DPT 3201	ANATOMY –II	4(3-1)
	DPT 3202	PHYSIOLOGY-II	3(2-1)
	DPT 3203	KINESIOLOGY-II	3(2-1)
	DPT 3204	ENGLISH-II (COMMUNICATION SKILLS)	3(3-0)
	DPT 3205	ISLAMIC STUDIES / ETHICS	2(2-0)
	DPT 3206	SOCIOLOGY	2(2-0)
		Credit Hours	17
		SECOND PROFESSIONAL YEAR	
THIRD SEMESTER	DPT 4301	ENGLISH-III (Technical Writing & Presentation Skills)	3(3-0)
	DPT 4302	MEDICAL PHYSICS	3(2-1)
	DPT 4303	ANATOMY –III	3(2-1)
	DPT 4304	PHYSIOLOGY-III	3(2-1)
	DPT 4305	BIOMECHANICS & ERGONOMICS-I	3(3-0)
	DPT 4306	BIOCHEMISTRY I	2(2-0)
		Credit Hours	17
FOURTH SEMESTER	DPT 4401	ANATOMY-IV (Neuro Anatomy)	3(2-1)
	DPT 4402	BIOMECHANICS & ERGONOMICS-II	3(2-1)
	DPT 4403	HEALTH & WELNESS	2(2-0)
	DPT 4404	BIOCHEMISTRY II	3(2-1)
	DPT 4405	EXERCISE PHYSIOLOGY	3(2-1)
	DPT 4406	MOLECULAR BIOLOGY & GENETICS	2(2-0)
		Credit Hours	16
		THIRD PROFESSIONAL YEAR	
FIFTH SEMESTER	DPT -5561	PATHOLOGY & MICROBIOLOGY I	2(2-0)
	DPT -5562	PHARMACOLOGY & THERAPEUTICS I	2(2-0)
	DPT -5563	PHYSICAL AGENTS & ELECTROTHERAPY I	3(2-1)
	DPT -5564	THERAPEUTIC EXERCISES & TECHNIQUES	3(2-1)
	DPT -5565	BIOSTATISTICS I	3(3-0)
	DPT -5566	BEHAVIORAL SCIENCES (PSYCHOLOGY & ETHICS)	2(2-0)
	DPT -5567	SUPERVISED CLINICAL PRACTICE I	3(0-3)
		Credit Hours	18
SIXTH SEMESTER	DPT -5661	PATHOLOGY & MICROBIOLOGY II	3(2-1)

	DPT -5662	PHARMACOLOGY & THERAPEUTICS II	2(2-0)
	DPT -5663	PHYSICAL AGENTS & ELECTROTHERAPY –II	3(2-1)
	DPT- 5664	BIOSTATISTICS II (university optional)	3(3-0)
	DPT -5665	COMMUNITY MEDICINE & REHABILITATION	3(3-0)
	DPT -5667	SUPERVISED CLINICAL PRACTICE II	3(0-3)
		Credit Hours	17
		FOURTH PROFESSIONAL YEAR	
SEVENTH SEMESTER	DPT -6761	MEDICINE I	3(3-0)
	DPT -6762	SURGERY I	3(3-0)
	DPT -6763	RADIOLOGY & DIAGNOSTIC IMAGING	3(2-1)
	DPT -6764	MUSCULOSKELETAL PHYSICAL THERAPY	3(2-1)
	DPT -6765	EVIDENCE BASED PRACTICE	3(2-1)
	DPT -6766	SUPERVISED CLINICAL PRACTICE III	3(0-3)
		Credit Hours	18
EIGHTH SEMESTER	DPT -6861	MEDICINE II	3(3-0)
	DPT -6862	SURGERY II	3(3-0)
	DPT -6863	NEUROLOGICAL PHYSICAL THERAPY	3(2-1)
	DPT -6864	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY	3(2-1)
	DPT -6865	EMERGENCY PROCEDURES & PRIMARY CARE IN PHYSICAL THERAPY	3(2-1)
	DPT -6866	SUPERVISED CLINICAL PRACTICE IV	3(0-3)
		Credit Hours	18
		FIFTH PROFESSIONAL YEAR	
NINTH SEMESTER	DPT -7971	CARDIOPULMONARY PHYSICAL THERAPY	3(2-1)
	DPT -7972	PROSTHETICS & ORTHOTICS	2(2-0)
	DPT -7973	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS	3(3-0)
	DPT -7974	MANUAL THERAPY	3(2-1)
	DPT -7975	PROFESSIONAL PRACTICE	2(2-0)
	DPT -7976	(LAWS , ETHICS &ADMINISTRATION)	
	DPT -7977	INTEGUMENTRY PHYSICAL THERAPY	2(2-0)
	DPT -7976	SUPERVISED CLINICAL PRACTICE V	3(0-3)
		Credit Hours	18
TENTH SEMESTER	DPT -8081	OBSTETRICS & GYNAECOLOGICAL PHYSICAL THERAPY	2(2-0)
	DPT -8082	PAEDIATRIC PHYSICAL	2(2-0)

		THERAPY	
	DPT -8083	GERONTOLOGY & GERIATRIC PHYSICAL THERAPY	2(2-0)
	DPT -8084	SPORTS PHYSICAL THERAPY	2(2-0)
	DPT -8085	SUPERVISED CLINICAL PRACTICE VI	4(0-4)
	DPT -8086	RESEARCH PROJECT	6
		Credit Hours	18
		TOTAL CREDIT HOURS	174