

## DOCTOR OF PHYSICAL THERAPY

### Curriculum Plan and Model

<b>DMS Course Distribution</b>		
UM for University Mandatory	15	30+15=45
Core Courses	9	23+1=24
Discipline related courses	48	71+33=104
<b>Total Credit Hours</b>	<b>75</b>	<b>175</b>

#### Semester I

<b>Course(s) Code(New)</b>	<b>Course(s) Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
<b>FIRST PROFESSIONAL YEAR</b>			
DPT-111	ANATOMY –I	3+1	–
DPT-112	PHYSIOLOGY-I	2+1	–
DPT-113	KINESIOLOGY-I	2+1	–
DPT-114	ENGLISH-I (FUNCTIONAL ENGLISH)	3+0	–
DPT-115	PAKISTAN STUDIES	2+0	–
DPT-116	INTRODUCTION TO COMPUTER	2+1	–
	<b>Total Semester Credit Hours</b>	<b>(14+4)</b>	

#### SEMESTER II

<b>Course(s) Code(New)</b>	<b>Course(s) Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
DPT-121	ANATOMY –II	3+1	ANATOMY –I
DPT-122	PHYSIOLOGY-II	2+1	PHYSIOLOGY-I
DPT-123	KINESIOLOGY-II	2+1	KINESIOLOGY-I
DPT-124	ENGLISH-II (COMMUNICATION SKILLS)	3+0	ENGLISH-I (FUNCTIONAL ENGLISH)
DPT-127	ISLAMIC STUDIES / ETHICS	2+0	–
DPT-128	SOCIOLOGY	2+0	–
	<b>Total Semester Credit Hours</b>	<b>(14+3)</b>	

**Semester III**

Course(s) Code(New)	Course(s) Title	Credit Hours	Prerequisite
DPT234	ENGLISH-III (Technical Writing & Presentation Skills)	3+0	ENGLISH-II (COMMUNICATION SKILLS)
DPT239	MEDICAL PHYSICS	2+1	—
DPT231	ANATOMY –III	2+1	ANATOMY –II
DPT232	PHYSIOLOGY-III	2+1	PHYSIOLOGY-II
DPT2310	BIOMECHANICS & ERGONOMICS-I	3+0	—
DPT2311	BIOCHEMISTRY I	2+0	—
	<b>Total Semester Credit Hours</b>	<b>(14+3)</b>	

**Semester IV**

Course(s) Code(New)	Course(s) Title	Credit Hours	Prerequisite
DPT241	ANATOMY-IV (Neuro Anatomy)	2+1	ANATOMY –III
DPT2410	BIOMECHANICS & ERGONOMICS-II	2+1	BIOMECHANICS & ERGONOMICS-I
DPT2412	HEALTH & WEALTH	2+0	—
DPT2411	BIOCHEMISTRY II	2+1	BIOCHEMISTRY I
DPT2413	EXERCISE PHYSIOLOGY	2+1	PHYSIOLOGY-III
DPT2414	MOLECULAR BIOLOGY & GENETICS	2+0	—
	<b>Total Semester Credit Hours</b>	<b>(12+4)</b>	

**Semester V**

Course(s) Code(New)	Course(s) Title	Credit Hours	Prerequisite
DPT3515	PATHOLOGY & MICROBIOLOGY I	2+0	—
DPT3516	PHARMACOLOGY & THERAPEUTICS I	2+0	—
DPT3517	PHYSICAL AGENTS & ELECTROTHERAPY I	2+1	—
DPT3518	THERAPEUTIC EXERCISES & TECHNIQUES	2+1	—
DPT3519	BIostatISTICS-I	3+0	—
DPT3520	BEHAVIORIAL SCIENCES (PSYCHOLOGY & ETHICS)	2+0	—
DPT3521	SUPERVISED CLINICAL PRACTICE I	0+3	—
	<b>Total Semester Credit Hours</b>	<b>(13+5)</b>	

**Semester VI**

<b>Course(s) Code(New)</b>	<b>Course(s) Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
DPT3615	PATHOLOGY & MICROBIOLOGY II	2+1	PATHOLOGY & MICROBIOLOGY I
DPT3616	PHARMACOLOGY & THERAPEUTICS II	2+0	PHARMACOLOGY & THERAPEUTICS I
DPT3617	PHYSICAL AGENTS & ELECTROTHERAPY -II	2+1	PHYSICAL AGENTS & ELECTROTHERAPY I
DPT3619	BIOSTATISTICS II (university optional)	3+0	BIOSTATISTICS-I
DPT3622	COMMUNITY MEDICINE & REHABILITATION	3+0	—
DPT3621	SUPERVISED CLINICAL PRACTICE II	0+3	SUPERVISED CLINICAL PRACTICE I
	<b>Total Semester Credit Hours</b>	<b>(12+5)</b>	

**Semester VII**

<b>Course(s) Code(New)</b>	<b>Course(s) Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
DPT4723	MEDICINE I	3+0	—
DPT4724	SURGERY I	3+0	—
DPT4725	RADIOLOGY & DIAGNOSTIC IMAGING	2+1	—
DPT4726	MUSCULOSKELETAL PHYSICAL THERAPY	2+1	—
DPT4727	EVIDENCE-BASED PRACTICE	2+1	—
DPT4721	SUPERVISED CLINICAL PRACTICE III	0+3	SUPERVISED CLINICAL PRACTICE II
	<b>Total Semester Credit Hours</b>	<b>(12+6)</b>	

**Semester VIII**

<b>Course(s) Code(New)</b>	<b>Course(s) Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
DPT4823	MEDICINE II	3+0	SURGERY I
DPT4824	SURGERY II	3+0	SURGERY I
DPT4728	NEUROLOGICAL PHYSICAL THERAPY	2+1	—
DPT4729	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY	2+1	—
DPT4730	EMERGENCY PROCEDURE & PRIMARY CARE IN PHYSICAL THERAPY	2+1	—
DPT4821	SUPERVISED CLINICAL PRACTICE IV	0+3	SUPERVISED CLINICAL PRACTICE III
	<b>Total Semester Credit Hours</b>	<b>(12+6)</b>	

## Semester IX

Course(s) Code(New)	Course(s) Title	Credit Hours	Prerequisite
DPT5931	CARDIOPULMONARY PHYSICAL THERAPY	2+1	—
DPT5932	PROSTHETICS & ORTHOTICS	2+0	—
DPT5933	CLINICAL DECISION-MAKING & DIFFERENTIAL DIAGNOSIS	3+0	—
DPT5934	MANUAL THERAPY	2+1	—
DPT5935	PROFESSIONAL PRACTICE (LAWS, ETHICS & ADMINISTRATION)	2+0	—
DPT5936	INTEGUMENTARY PHYSICAL THERAPY	2+0	—
DPT5921	SUPERVISED CLINICAL PRACTICE V	0+3	SUPERVISED CLINICAL PRACTICE IV
	<b>Total Semester Credit Hours</b>	<b>(13+5)</b>	

## Semester X

Course(s) Code(New)	Course(s) Title	Credit Hours	Prerequisite
DPT51037	OBSTETRICS & GYNAECOLOGICAL PHYSICAL THERAPY	2+0	—
DPT51038	PAEDIATRIC PHYSICAL THERAPY	2+0	—
DPT51039	GERONTOLOGY & GERIATRIC PHYSICAL THERAPY	2+0	—
DPT51040	SPORTS PHYSICAL THERAPY	2+0	—
DPT51021	SUPERVISED CLINICAL PRACTICE VI	0+4	SUPERVISED CLINICAL PRACTICE V
DPT51041	RESEARCH PROJECT	0+6	—
	<b>Total Semester Credit Hours</b>	<b>(8+10)</b>	

## Compulsory Courses

Code	Course title	Type	CrHr	Pre-Requisite
DPT-114	ENGLISH-I (FUNCTIONAL ENGLISH)	core	3+0	
DPT-115	PAKISTAN STUDIES	core	2+0	
DPT-116	INTRODUCTION TO COMPUTER	Core	2+1	
DPT-124	ENGLISH-II (COMMUNICATION SKILLS)	Core	3+0	ENGLISH-I
DPT-127	ISLAMIC STUDIES / ETHICS	Core	2+0	
DPT-128	SOCIOLOGY	Core	2+0	
DPT234	ENGLISH-III (Technical Writing & Presentation Skills)	Core	3+0	ENGLISH-II
DPT3519	BIOSTATISTICS-I	Core	3+0	BIOSTATISTICS-I
DPT3619	BIOSTATISTICS II (university optional)	Core	3+0	
	<b>Credit Hours</b>		<b>23+1</b>	

### University Mandatory Courses

Code	Course title	Type	CrHr	Pre-Requisite
DPT-111	ANATOMY –I		3+1	
DPT-112	PHYSIOLOGY-I		2+1	
DPT-121	ANATOMY –II		3+1	ANATOMY –I
DPT-122	PHYSIOLOGY-II		2+1	PHYSIOLOGY-I
DPT231	ANATOMY –III		2+1	ANATOMY –II
DPT232	PHYSIOLOGY-III		2+1	PHYSIOLOGY-II
DPT2311	BIOCHEMISTRY I		2+0	
DPT2411	BIOCHEMISTRY II		2+1	BIOCHEMISTRY I
DPT2414	MOLECULAR BIOLOGY & GENETICS		2+0	
DPT3515	PATHOLOGY & MICROBIOLOGY I		2+0	
DPT3516	PHARMACOLOGY & THERAPEUTICS I		2+0	
DPT3615	PATHOLOGY & MICROBIOLOGY II		2+1	PATHOLOGY & MICROBIOLOGY I
DPT3616	PHARMACOLOGY & THERAPEUTICS II		2+0	PHARMACOLOGY & THERAPEUTICS I
DPT4725	RADIOLOGY & DIAGNOSTIC IMAGING		2+1	
DPT51041	RESEARCH PROJECT		0+6	
	<b>Credit Hours</b>		<b>30+15</b>	

### Discipline Related Courses

Code	Course title	Type	CrHr	Pre-Requisite
DPT-113	KINESIOLOGY-I		2+1	
DPT-123	KINESIOLOGY-II		2+1	KINESIOLOGY-I
DPT2310	BIOMECHANICS & ERGONOMICS-I		3+0	
DPT239	MEDICAL PHYSICS		2+1	
DPT241	ANATOMY-IV (Neuro Anatomy)		2+1	ANATOMY –III
DPT2410	BIOMECHANICS & ERGONOMICS-II		2+1	BIOMECHANICS & ERGONOMICS-I
DPT2412	HEALTH & WEALTH		2+0	
DPT2413	EXERCISE PHYSIOLOGY		2+1	PHYSIOLOGY-III
DPT3518	THERAPEUTIC EXERCISES & TECHNIQUES		2+1	
DPT3517	PHYSICAL AGENTS & ELECTROTHERAPY I		2+1	
DPT3520	BEHAVIORIAL SCIENCES (PSYCHOLOGY & ETHICS)		2+0	

DPT3521	SUPERVISED CLINICAL PRACTICE I		0+3	
DPT3617	PHYSICAL AGENTS & ELECTROTHERAPY -II		2+1	PHYSICAL AGENTS & ELECTROTHERAPY I
DPT3622	COMMUNITY MEDICINE & REHABILITATION		3+0	
DPT3621	SUPERVISED CLINICAL PRACTICE II		0+3	SUPERVISED CLINICAL PRACTICE I
DPT4723	MEDICINE I		3+0	
DPT4724	SURGERY I		3+0	
DPT4726	MUSCULOSKELETAL PHYSICAL THERAPY		2+1	
DPT4727	EVIDENCE BASED PRACTICE		2+1	
DPT4721	SUPERVISED CLINICAL PRACTICE III		0+3	SUPERVISED CLINICAL PRACTICE II
DPT4823	MEDICINE II		3+0	MEDICINE I
DPT4824	SURGERY II		3+0	SURGERY I
DPT4728	NEUROLOGICAL PHYSICAL THERAPY		2+1	
DPT4729	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY		2+1	
DPT4730	EMERGENCY PROCEDURE & PRIMARY CARE IN PHYSICAL THERAPY		2+1	
DPT4821	SUPERVISED CLINICAL PRACTICE IV		0+3	SUPERVISED CLINICAL PRACTICE III
DPT5931	CARDIOPULMONARY PHYSICAL THERAPY		2+1	
DPT5932	PROTHETICS & ORTHOTICS		2+0	
DPT5933	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS		3+0	
DPT5934	MANUAL THERAPY		2+1	
DPT5935	PROFESSIONAL PRACTICE (LAWS , ETHICS &ADMINISTRATION)		2+0	
DPT5936	INTEGUMENTRY PHYSICAL THERAPY		2+0	
DPT5921	SUPERVISED CLINICAL PRACTICE V		0+3	SUPERVISED CLINICAL PRACTICE IV
DPT51037	OBSTETRICS & GYNAECOLOGICAL PHYSICAL THERAPY		2+0	
DPT51038	PAEDIATRIC PHYSICAL THERAPY		2+0	
DPT51039	GERONTOLOGY & GERIATRIC PHYSICAL THERAPY		2+0	
DPT51040	SPORTS PHYSICAL THERAPY		2+0	
DPT51021	SUPERVISED CLINICAL PRACTICE VI		0+4	SUPERVISED CLINICAL PRACTICE V
	<b>Credit Hours</b>		<b>73+34</b>	
	<b>Total Credit Hours</b>		<b>107</b>	

