

# Structure of Physiotherapy Curriculum

## Curriculum timetable B.Sc

The B. Sc. Physiotherapy program requires four years (8 semesters) divided into three phases: The first two and half years (Semesters 1-5) are based at the main campus of the College with one or two days off campus in visits to relevant institutions and training facilities. The last one and half years (Semesters 6-8) are based at clinical training sites, with only one or two days at the main campus. The program schedule therefore involves considerable commitment from students to be on time at the respective sites specified in their daily timetables. Each student should have a functioning e-mail address for last moment changes, a frequent incident in field training programs.

Phase 1: Introductory courses and College requirements Semesters 1

Phase 2: Requirements (cont.)+ Physical therapy sciences Semesters 2-5

Phase 3: Clinical training Semesters 6-8

## Curriculum timetable

### Phase 1 (General requirements):

#### Semester 1 [18 CHs- 18 weeks]:

#	Title	Code	Weeks	Credits
1	Islamic studies	ISLAM-111	Longit.	2
2	Arabic language	ARAB-112	Longit.	2
3	English language	ENG-113	Longit.	2
4	Introduction to medicine and medical education	ME-EDU-114	3	2
5	Physics for medical equipments and investigations	ME-PHYS-115	2	2
6	Computer science	ME-COMP-116	3	2
7	Biostatistics	ME-STAT-117	2	2
8	Basic biochemistry	ME-BIOC-118	3	2
9	Behavioral science	ME-BEHAV-119	3	2

Examination of longitudinal courses (+resits)

2 weeks

#### Semester 2 [18 CHs- 16 weeks]:

#	Title	Code	Weeks	Credits
1	Islamic studies	ISLAM-121	Longit.	2
2	Arabic language	ARAB-122	Longit.	2
3	English language	ENG-123	Longit.	2
4	Computer science-2	ME-COMP-124	3	2

5	Human body structure and function	PA-NAT-126	8	7
6	Biomedical mathematics	PT-MAT-127	4	3

Examination of longitudinal courses (+re-sits) 1 week

SUMMAR 1: A Community search for people needing physical therapy(PTSUM-131) 2 CHs

Elective (PTE-132): A 1000 -word report on "Internet Sources of Physiotherapy" 1CH

### Semester 3 [16CHs- 18 weeks]:

#	Title	Code	Weeks	Credits
1	Professional skills-1 communication	PT-SKIL-211	Longit.	2
2	Principles of disease (pathology-microbiology)	ME-DIS-212	5	5
3	Respiratory and cardiovascular systems	PT-CVRS-213	5	4
4	Introduction to physical therapy	PT-INTRO-214	4	3
5	Biomechanics and Ergonomics	PT-BIOMECH-215	3	2

Examination of longitudinal courses (+re-sits) 1 week

### Semester 4 [17 CHs- 16 weeks]:

#	Title	Code	Weeks	Credits
1	Professional skills-2 Physiotherapy laboratory skills	PT-SKIL-221	Longit.	2
2	Biochemistry of exercise	PT-CHEM--222	2	2
3	Musculoskeletal system	ME-MSK-223	8	8
4	Kinesiology and biomechanics	PT-KINS -224	2	2
5	Therapeutic exercises	PT-EXER-225	4	4

Examination of longitudinal courses (+re-sits) 1 week

SUMMAR 2: Scientific writing (SW-236) 2 CHs

Elective (E237): Psycho-social rehabilitation (500 words + diagrams) 1 CH

### Semester 5 [18 CHs- 16 weeks]:

#	Title	Code	Weeks	Credits
1	Professional skills-3- Physiotherapy laboratory skills	PT-SKIL-311	Longit.	2
2	Medical Ethics	PT-ETHIC-312	Longit	2
3	The nervous system and introduction to neurological disabilities	PT-NEURO-313	8	8
4	Gymnastics	PT-GYM-314	2	2
5	Sport, sport injuries and therapy	PT-SPORT-315	2	2
6	Physiotherapy equipments	PT-EQUIP-316	3	2

Examination of longitudinal course (+ re-sits) 1 week

Elective: Physical education principles (PT-PHYZIQ-317- 1CH

### Phase 3:

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#### **Semester 6-8 – Clerkships or Hospital Department (and community facility) Rotations=44 CHs**

*Four semesters, 14 courses, four major rotation, and four longitudinal courses including two electives and one Summar course.*

#	Rotation Groups	Disciplines (symbol-number)	Credit Hours	Duration (weeks)	Longitudinal Courses
1	<b>A</b>	Orthopedics and musculoskeletal physiotherapy (PT-ORTHOP-321)	8	8	(11) Geriatric care (PT-GER-324) 2CHs (Semsters 6)
2		Clinical massage (PT-MASS-322)	4	4	
3		Rehabilitation (PT-REHAB-323)	2	2	
		** (see below)			
4	<b>B</b>	Neurological physiotherapy (PT-NEURO-411)	8	8	(12) Primary health care (PT-PHC-415) 2CHs (Semester 7)
5		Pediatric physiotherapy (PT-PED-412)	4	4	
6		Intensive care patients (PT-ICU-413)	2	2	
7		Community physiotherapy (PT-COM-414)	2	2	
8	<b>C</b>	Cardiorespiratory physiotherapy (PT-CVRS-421)	6	6	(13) Research methodology and scientific writing (ME-SUM-231) 2CH (Semester 8)
9		Health Economics and Hospital Management (ME-HM-422)	2	2	
10		Physiotherapy in Family Medicine (PT-FAM-423)	6	6	(14) Graduation project (E-425) 2 CHs (any time)

#### Rotation of the groups is as follows:

Semester 6 =    A        B        C

Semester 7 =    B        C        A

Semester 8 =    C        A        B

\*\*SUMMAR 3: Rural Hospital Residency (PT-RHR-336) 2 CHs Block 2 weeks

\*\*Elective (E337): A 1000 work essay on management of a physiotherapy unit 1CH