

**HARMONISED  
CURRICULUM OF STUDIES**

**FOR**

**DOCTOR OF PHYSICAL THERAPY (DPT)  
DEGREE PROGRAMME IN NIGERIAN  
UNIVERSITIES**

**AS A**

**STANDARD CONTROL MEASURE**

**PUBLISHED BY**

**THE MEDICAL REHABILITATION  
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OF NIGERIA (MRTB)**

# A CURRICULUM OF STUDIES FOR DIRECT DOCTOR OF PHYSICAL THERAPY DEGREE PROGRAMME

## DOCTOR OF PHYSICAL THERAPY (DPT)

### INTRODUCTION

Physical Therapy is a dynamic profession characterised by body of knowledge with established theoretical base and widespread clinical applications in the Examination/ Assessment, Treatment and Rehabilitation of Neuromusculoskeletal, Cardiovascular, Integumentary and Respiratory disorders, with the aim of preserving, developing and restoring physical function by natural methods. These natural methods are based essentially on movements, manual therapy and the use of physical agencies. These three procedures - Exercise therapy, Electrotherapy and Massage form the essential elements of Physiotherapy practice and it is therefore referred to as the **Central core of Physiotherapy practice**.

Physical Therapy entails judicious use of therapeutic exercises and physical modalities in the treatment and rehabilitation of disease conditions, deformities (either congenital or acquired) and traumatic injuries to effect a better functioning of the Musculoskeletal, Neuromuscular, Cardio-respiratory and Integumentary apparatus. Some of the physical agents employed in Physiotherapy services are water at varying temperatures (as in hydrotherapy), hot liquid paraffin wax at therapeutic temperature, lights or radiations, heat (as in thermal therapy), electricity including the therapeutic use of low, medium and high frequency electrical currents (as in electrotherapy), ice or cold media (as in cryotherapy), the use of mechanical appliances and mechanical vibrations including the therapeutic use of ultrasonic energy (as in ultrasonic therapy).

The major components of Physiotherapy are Diagnostic Physiotherapy, Curative Physiotherapy, Therapeutic Physiotherapy, Preventive Physiotherapy and Rehabilitative Physiotherapy. There are specific Physiotherapeutic procedures for the management and rehabilitation of varieties of conditions in Paediatrics, Medicine, Surgery, Neurology, Obstetrics and Gynaecology, Orthopaedics, Geriatrics, Physical fitness, Sporting and Recreational activities. The long-term goal of Physiotherapy in those aforementioned clinical conditions is to restore patient to a level where he is able to achieve maximum potential for normal living in the physical, psychological, social and vocational sense.

From inception, the duration of studies has been four years, until a couple of years ago when it was changed to five years. Now that the curriculum has been revised to include all required components by international standards, the required duration of studies is now six years.

At the completion of this programme a professional degree in Physiotherapy, denoted by the letters, DPT is awarded. This is in compliance with the guidelines of the Medical Rehabilitation Therapists (Reg.) Board of Nigeria, the legal body that controls the training

and practice of Physiotherapy in Nigeria and to meet up with international standard as directed by the World Confederation for Physical Therapy. For example, many Universities in United States of America and many other leading nations of the world award the professional degree of Doctor of Physical therapy.

## **PHILOSOPHY OF DOCTOR OF PHYSICAL THERAPY PROGRAMME OF STUDIES**

Doctor of Physical Therapy programme of studies is designed for mature and adequately prepared students who are choosing a career in Physiotherapy with a bias for either academic/research or clinical career or both. This programme, therefore, requires from the student dedication, logical reasoning, broad reading, scientific critique of past and on-going works and ability to assume responsibility in Physiotherapy and related disciplines. Interwoven in this philosophy is the belief that students of this programme should be exposed to the widest range of basic sciences that will enable them appreciate the usefulness of the methodology employed in their noble profession, Physiotherapy, as they strive to make such worthy contributions to the restoration of the physically-challenged to a state of meaningful existence.

This programme shall be a University - based Physical Therapist educational programme for the education and development of future Physical Therapists, especially at the doctorate degree entry-level. The mission of this programme is to prepare a Physical Therapy Generalist at the doctorate degree entry - level, who is capable of providing excellent Physical Therapy services in virtually any Physical Therapy services practice environment. This philosophy upholds the dignity of human kind, the right of quality health care services and the potential of the individual as a consumer to actively participate in the health care process.

The decision to start a 6 - year programme of studies in Physical Therapy is in response to the health care needs of the nation for a leadership cadre of personnel in Physical Therapy aspect of health care. Physiotherapy, as an ever-evolving profession in the health care sector, advances in quality, nature and extent of services offered everyday. For Physical Therapists in Nigeria to be able to cope with the continually changing health care delivery and to meet up with the international standard as directed by the World Confederation for Physical Therapy, WCPT, require a change of curriculum from Bachelor of Physical Therapy (B.PT) programme to Doctor of Physical Therapy (DPT) programme.

## COURSE OBJECTIVES

The objectives of the Doctor of Physical Therapy programme of studies are:

1. To produce dedicated Physiotherapists who are adequately equipped in knowledge and professional skills in the diagnostic, preventive, therapeutic, curative and rehabilitative components of Physiotherapy; and who with the aid of the modalities in Physiotherapy including manual therapy and the appropriate use of physical agents will be active and useful members of the health team in effective physical management and medical rehabilitation of physically-unfit subjects and the sick.
2. To train Physical Therapy Professionals with adequate theoretical knowledge, clinical skills, sense of purpose and devotion to work who can offer valuable services in Hospitals, Rehabilitation, Medical, Health, Sports and Research centers, Industries, e. t. c.
3. To produce Physical Therapy Professionals that would be first-contact practitioners providing a range of primary care services and referrals (to Generalist and Specialist Practitioners) in diverse work settings.
4. To train Physical Therapy Professionals that would be prepared for all responsibilities and privileges of autonomous practice and who would be able to cope with the expanding role of physical therapy within a changing health care system.
5. To train Professionals that would act as independent consultants, provide evidence-based Physiotherapeutic services throughout the continuum of patient health care and who would participate in multi-disciplinary teams.
6. To product Physical Therapy Professionals that would provide clinical and managerial leadership and who would contribute to public debates about health and wellness issues.
7. To produce Physical Therapy Professionals that would be adaptable, knowledgeable, reflective, self-assured and service - oriented, who will be prepared to participate in a broad spectrum of activities from health promotion through a comprehensive rehabilitation.

## **REGULATIONS GOVERNING THE DEGREE OF DOCTOR OF PHYSICAL THERAPY**

### **1. DESIGNATION:**

An Integrated professional programme of courses is provided leading to the award of Doctor of Physical Therapy, to be denoted by the letters - DPT. It shall be an unclassified degree (i.e. without Class/Honours).

### **ADMISSION REQUIREMENTS:**

- (a) The prospective students for the Doctor of Physical Therapy course of studies must satisfy the minimum entrance requirements of the University offering the course.
- (b) Candidates for admission into 100 level must have a minimum of 5 credit passes in Physics, Chemistry, Biology, Mathematics and English language at Senior Secondary Certificate Examination (SSCE) or General Certificate of Education (GCE 'O' Level) or its equivalents. In addition, a candidate must have passed the University Matriculation Examination (U. M. E.) with a score acceptable to the University's Admission policy.
- (c) Direct entry to 200 level of study:-  
Graduates from reputable Universities recognised by the Senate of the University offering the course may be admitted to 200 level. Candidates holding the General Certificate of Education pass in Chemistry, Physics, and one other science subject at G.C.E. advanced level or its equivalents plus credits in English language and Mathematics at G.C.E. ordinary level.
- (d) Candidates may be required to attend an interview before admission.

### **PROGRAMME STRUCTURE**

The programme is made up of six years of formal studies in the University, two and a half years of pre-clinicals to study basic sciences and basic medical science subjects and three 1/2 years of clinicals. The professional training of the students will be:

- i. hospital - based
- ii. hospital posting to rehabilitation homes and centres.
- iii. community Physiotherapy postings in rural health centres.

## **LENGTH OF COURSE**

The Doctor of Physical Therapy degree programme shall normally extend over 12 semesters (6 academic sessions) for candidates admitted into 100 level of study; and 10 semesters (5 academic sessions) for candidates admitted into 200 level of study. The maximum number of semesters allowed for the degree shall not be more than 20 semesters

## **MODE OF STUDY**

Candidates must register as full-time students. No part-time registration is allowed.

## **6. EXAMINATIONS AND AWARD OF DEGREE**

- (a) All courses taught during each semester shall be examined at the end of each semester. Candidates will be credited with the number of course units assigned to the courses in which they have passed the examinations.
- (b) At the professional phase of the programme, an external examiner shall moderate examinations in certain practical and clinical courses.
- (c) There shall be an in-course assessment for each course at the middle or end of a semester. The in-course assessment carries a grading of 30% of the total examination marks, while examination at the end of the semester in which the course is taken will constitute 70% of the marks.
- (d) Pass mark for courses prescribed by the Department of Physiotherapy shall be 50% but for courses prescribed by departments other than Physiotherapy Department shall be as stipulated by those Departments.
- (e) The aggregate marks that will be used in determining student's performance in each course unit shall be determined by each University offering the course.
- (f) There shall be a panel of department examiners in each subject area and the head of the department shall be the Chief Examiner.
- (g) For each subject area, the internal examiners shall be those who teach the various courses (not below the grade of lecturer II) who shall set, moderate questions, mark the answer scripts and compute the results. They shall also jointly sign the examination result.
- (h) The head of Department shall present the signed examination results of his department to the Examiners Board for consideration and subsequent approval by the Academic Board.

- (i) Distinction marks shall be awarded to a student who scores an average of 70% and above in all the courses in a subject area, provided that all the courses are passed at the first attempt. The subject areas are Electrotherapy, Exercise Therapy, Manual Therapy, Kinesiology, Orthopaedics and Traumatology, Neurology and Medicine, Paediatrics and Geriatrics
- (j) The list of successful students for the degree shall be published in alphabetical order, indicating those who pass with Distinction in any subject. Students who for no acceptable reason absent themselves from any examination shall be deemed to have failed the examination.
- (k) Candidates who fail examinations in department - based courses may be re-examined in each of 300 - 500 level courses he fails during a re-sit examination.
- (l) A candidate who passes a course in a re-sit examination shall be credited with the average of the scores he obtained in the main and the re-sit examinations.

## **7. REGISTRATION OF COURSES**

- (a) In each academic year, students shall normally be required to register for not less than a prescribed minimum number of units, which shall be approved by Senate on the recommendation of the Faculty Board.
- (b) The required and compulsory course units for each academic year are shown on pages 8-31.
- (c) Transfer students shall be expected to have taken and passed all the compulsory and required courses for the DPT degree of the University or their equivalents. No admission shall be made beyond the 200 level.

## **8. CRITERIA FOR MOVING FROM ONE LEVEL OF STUDY TO ANOTHER.**

- (a) Candidates shall not normally proceed to the pre-clinical stage (200 level) until they have passed all relevant courses at the 100 level of study. All students at 100 level should obtain a minimum of 25 credit units. The courses expected to be passed include a minimum of 9 units from Physics courses, 6 units from Chemistry courses, 6 units from Zoology courses, and four units from other prescribed courses. This serves only as a guide to any department offering the course or wishes to offer the course.
- (b) Students shall not normally proceed to the clinical level of study until they have passed all relevant courses at the pre-clinical level. Students at pre-clinical level of study should obtain a minimum of 47 units. The courses passed must include all

courses in the subject areas of Anatomy, Biochemistry, Physics and Physiology. A candidate shall not be allowed more than 3 carry-over courses.

- (c) At the clinical level of study, students shall not normally proceed to 500 and 600 level until they obtain a minimum of 60 units during the 2<sup>nd</sup> semester of 400 and 500 levels. Courses passed must include all courses in the subject areas of Electrotherapy, Exercise Therapy, Manual Therapy and Patient Management Neuromuscular, Patient Management Musculoskeletal, Evidence-based Clinical Practice, Imaging and Clinical Practice. After students have completed their 6 - year programme of studies, successful candidates will be recommended through the Faculty to the Senate for the award of degree of Doctor of Physiotherapy provided such a candidate fulfills all the academic requirements and his conduct conform to that expected of a prospective Physical Therapist. The department has the exclusive right to refuse recommending through the Faculty to the Senate, the award of Doctor of Physiotherapy degree to a student who has successfully fulfilled all academic requirements but whose conduct does not conform to that expected of a prospective Physiotherapist.

## **VACATION CLINICAL POSTING**

In order to qualify for the Doctor of Physical Therapy degree in Physiotherapy, a student must have satisfactorily completed 12 weeks of vacation clinical posting under the Student Industrial Work Experience Scheme (SIWES) in 4 - 6 Physiotherapy facilities other than teaching hospitals.

## **9. WARNING FOR STUDENTS WITH POOR ACADEMIC PERFORMANCE**

A student shall be given a written warning or be required to withdraw from the Physiotherapy programme of studies, if he fails to achieve the minimum

standards stipulated by the Senate of the University offering the course.

- i. Candidates with less than 20 credit units in any session to get a warning in writing.
- ii. Candidates with less than 18 credit units in any one session are to be asked to withdraw
- iii. A student on warning shall be placed on probation if his CGPA is below 3.00 at the end of the semester or session. The period of



- probation is two semesters or one session. Such a student is essentially on the same course level for which he is on probation.
- vi. A student who after 15 or 20 semesters has not obtained a degree shall be asked to withdraw from the programme.

#### **10. GRADUATION REQUIREMENTS AND AWARD OF DOCTOR OF PHYSICAL THERAPY**

To be eligible for the award of Doctor of Physical Therapy degree, a student must obtain a minimum number of 200 units and satisfies the professional conduct as required for registration with the Medical Rehabilitation Therapists (Reg.) Board of Nigeria. Throughout the course of studies, the student is required to maintain a professional code of conduct as embodied in the fundamental ethical principles of the Physiotherapy profession. The department of Physiotherapy offering the course will serve as a guardian of these principles on behalf of the Board. The same department would recommend successful candidates to the University Senate through the Faculty for the award of Doctor of Physical Therapy degree.

## 1<sup>ST</sup> SEMESTER 100 LEVEL COURSES

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
GNS 101	Use of English	2	Compulsory	1 <sup>st</sup>
CHEM 157	Physical Chemistry	4	Required	1 <sup>st</sup>
CHEM 195	Practical Chemistry	2	Required	1 <sup>st</sup>
PHY 114	Basic Principles of Physics IV	3	Compulsory	1 <sup>st</sup>
PHY 115	Experimental Physics	3	Required	1 <sup>st</sup>
FSC 103	Introductory Computer Science	2	Required	1 <sup>st</sup>
FSC 104	Introductory Mathematics	2	Required	1 <sup>st</sup>
PSY 101	Introductory Psychology	3	Required	1 <sup>st</sup>
ZLY 101	General Zoology	3	Required	1 <sup>st</sup>
PHY 118	Basic Principles	3	Required	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 27 UNITS</b>				

## 2<sup>ND</sup> SEMESTER 100 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
STAT 111	Descriptive Statistics	2	Required	2 <sup>nd</sup>
GES 102	Nigerian Peoples and Cultures	4	Compulsory	2 <sup>nd</sup>
CHEM 127	Inorganic Chemistry	2	Required	2 <sup>nd</sup>
CHEM 177	Organic Chemistry	3	Required	2 <sup>nd</sup>
PHY 112	Basic Principles of Physics II	3	Required	2 <sup>nd</sup>
PHY 113	Basic Principles of Physics III	2	Required	2 <sup>nd</sup>
FSC 101	Introductory Biology	2	Required	2 <sup>nd</sup>
GES 103	Introduction to Philosophy and Logic	3	Required	2 <sup>nd</sup>
BTN 101	General Botany	3	Required	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS FOR 2<sup>ND</sup> SEMESTER: 27 UNITS</b>				

**DOCTOR OF PHYSICAL THERAPY, DPT, COURSE REQUIREMENTS  
FOR 100 LEVEL**

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
PHY 114	Basic Principles of Physics IV	3	Compulsory	1 <sup>st</sup>
PHY 115	Experimental Physics	3	Required	1 <sup>st</sup>
PHY 118	Basic Principles of Physics V	3	Required	1 <sup>st</sup>
FSC 103	Introductory Computer Science	2	Required	1 <sup>st</sup>
FSC 104	Introductory Mathematics	2	Required	1 <sup>st</sup>
GES 101	Use of English	2	Compulsory	1 <sup>st</sup>
ZLY 101	General Zoology	3	Required	1 <sup>st</sup>
CHEM 157	Physical Chemistry	4	Required	1 <sup>st</sup>
CHEM 195	Practical Chemistry	2	Required	1 <sup>st</sup>
PSY 101	Introductory Psychology	3	Required	1 <sup>st</sup>
PHY 112	Basic Principles of Physics II	3	Compulsory	2 <sup>nd</sup>
PHY 113	Basic Principles of Physics III	3	Required	2 <sup>nd</sup>
GES 103	Introduction to Philosophy and Logic	2	Required	2 <sup>nd</sup>
GES 102	Nigerian People and Cultures	3	Compulsory	2 <sup>nd</sup>
BTN 101	General Botany	3	Required	2 <sup>nd</sup>
CHEM 177	Organic Chemistry	3	Required	2 <sup>nd</sup>
CHEM 127	Inorganic Chemistry	3	Required	2 <sup>nd</sup>
FSC 101	Introductory Biology	3	Required	2 <sup>nd</sup>
STAT 111	Descriptive Statistics	4	Required	2 <sup>nd</sup>
<b>GRAND TOTAL: 54 UNITS</b>				

**NOTE:** To be eligible for promotion to 200 level, candidates must pass FOUR courses in Physics and at least TWO courses in each of Chemistry and Zoology.

## 100 LEVEL OF DOCTOR OF PHYSICAL THERAPY, DPT, COURSES

COURSE CODE	COURSE TITLE	UNITS
PHY 114	Basic Principles of Physics IV	3
PHY 115	Experimental Physics	3
PHY 118	Basic Principles of Physics V	3
FSC 103	Introductory Computer Science	2
FSC 104	Introductory Mathematics	2
GES 101	Use of English	2
ZLY 101	General Zoology	3
CHEM 157	Physical Chemistry	4
CHEM 195	Practical Chemistry	2
PSY 101	Introductory Psychology	3
PHY 112	Basic Principles of Physics II	3
PHY 113	Basic Principles of Physics III	3
GES 103	Introduction to Philosophy & Logic	2
GES 102	Nigerian Peoples and Cultures	3
BTN 101	General Botany	3
CHEM 177	Organic Chemistry	3
CHEM 127	Inorganic Chemistry	3
FSC 101	Introductory Biology	3
STAT 111	Descriptive Statistics	4

### 1<sup>ST</sup> SEMESTER 200 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
ANA 201	Anatomy I	4	Compulsory	1 <sup>st</sup>
ANA 202	Anatomy II	4	Compulsory	1 <sup>st</sup>
PHG 201	Basic Principles in Physiology I	3	Compulsory	1 <sup>st</sup>
PHG 202	Basic Principles in Physiology II	3	Compulsory	1 <sup>st</sup>
BIC 201	Chemistry and Biochemistry of Macro-molecules	3	Compulsory	1 <sup>st</sup>
PHY 201	Electrophysics: Physics for Biology I/Basic Electronics	3	Compulsory	1 <sup>st</sup>
PSY 201	Abnormal Psychology	3	Required	1 <sup>st</sup>
STAT 201	Stat. for Agric and Biology	3	Required	1 <sup>st</sup>
GES 105	Animal Husbandry	3	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 29 UNITS</b>				

## 2<sup>ND</sup> SEMESTER 200 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
ANA 203	Anatomy III	4	Compulsory	2 <sup>nd</sup>
ANA 204	Anatomy IV	4	Compulsory	2 <sup>nd</sup>
PHG 203	Basic Principles in Physiology III	3	Compulsory	2 <sup>nd</sup>
PHG 204	Basic Principles in Physiology IV	3	Compulsory	2 <sup>nd</sup>
BIC 202	Enzymes and Intermediary Metabolism	3	Compulsory	2 <sup>nd</sup>
PHY 202	Electrophysics: Physics for Biology II/ Electronics and Physiotherapy Electrical Instrument	3	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS FOR 2<sup>ND</sup> SEMESTER: 20 UNITS</b>				

**1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTERS OF 200 LEVEL OF DOCTOR OF PHYSICAL THERAPY, DPT, COURSE**

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
ANA 201	Anatomy I	4	Compulsory	1 <sup>st</sup>
ANA 202	Anatomy II	4	Compulsory	1 <sup>st</sup>
PHG 201	Basic Principles in Physiology I	3	Compulsory	1 <sup>st</sup>
PHG 202	Basic Principles in Physiology II	3	Compulsory	1 <sup>st</sup>
BIC 201	Chemistry and Biochemistry of Macromolecules	3	Compulsory	1 <sup>st</sup>
PHY 201	Electrophysics: Physics for Biology I/Basic Electronics	3	Compulsory	1 <sup>st</sup>
PSY 201	Abnormal Psychology	3	Required	1 <sup>st</sup>
STAT 201	Stat. for Agric and Biology	3	Required	1 <sup>st</sup>
GES 105	Animal Husbandry	3	Compulsory	1 <sup>st</sup>
ANA 203	Anatomy III	4	Compulsory	2 <sup>nd</sup>
ANA 204	Anatomy IV	4	Compulsory	2 <sup>nd</sup>
BIC 202	Enzymes and Intermediary Metabolism	3	Compulsory	2 <sup>nd</sup>
PHY 202	Electrophysics - Physics for Biology II/Electronics and Physiotherapy Electrical Instrument	3	Compulsory	2 <sup>nd</sup>
PHG 203	Basic Principles in Physiology III	2	Compulsory	2 <sup>nd</sup>
PHG 204	Basic Principles in Physiology IV	3	Compulsory	2 <sup>nd</sup>
<b>GRAND TOTAL: 49 UNITS</b>				



## 200 LEVEL OF DOCTOR OF PHYSICAL THERAPY (DPT)

COURSE CODE	COURSE TITLE	UNITS
ANA 201	Anatomy I	4
ANA 202	Anatomy II	4
ANA 203	Anatomy III	4
ANA 204	Anatomy IV	4
PHG 201	Basic Principles in Physiology I	3
PHG 202	Basic Principles in Physiology II	3
PHG 203	Basic Principles in Physiology III	3
PHG 204	Basic Principles in Physiology IV	3
BIC 201	Chemistry and Bio-Chemistry of Macro-molecules	3
BIC 202	Enzymes and Intermediary Metabolism	3
PHY 201	Electrophysics – Physics for Biology I/ Basic Electronics	3
PHY 202	Electrophysics – Physics for Biology II/ Electronics and Physiotherapy Electrical Instrument	3
PSY 201	Abnormal Psychology	3
STAT 201	Stat. for Agric and Biology	3
GES 105	Animal Husbandry	3

## 1<sup>ST</sup> SEMESTER 300 LEVEL COURSES

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
PST 311	Introduction to Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 312	Introduction to Kinesiology	3	Compulsory	1 <sup>st</sup>
SOC 202	Introduction to Social Institutions	3	Compulsory	1 <sup>st</sup>
PST 301	Nursing Skills	3	Compulsory	1 <sup>st</sup>
BTS 300	Basic Therapeutic Skills	3	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 13 UNITS</b>				

## 2<sup>ND</sup> SEMESTER 300 LEVEL COURSES (CLINICALS)

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 328	Introduction to Clinicals	3	Compulsory	2 <sup>nd</sup>
PST 329	Introductory Pathology	3	Compulsory	2 <sup>nd</sup>
PST 309	Exercise Therapy I	3	Compulsory	2 <sup>nd</sup>
PST 310	Exercise Therapy II	3	Compulsory	2 <sup>nd</sup>
PST 307	Theory and Practice of Massage I	2	Compulsory	2 <sup>nd</sup>
PST 308	Theory and Practice of Massage II	2	Compulsory	2 <sup>nd</sup>
PST 306	Professional Ethics	1	Compulsory	2 <sup>nd</sup>
PST 321	Cryotherapy	3	Compulsory	2 <sup>nd</sup>
PST 302	Electrotherapy: Direct and Low Frequency Current	2	Compulsory	2 <sup>nd</sup>
PST 303	Electrotherapy: High Frequency Currents	2	Compulsory	2 <sup>nd</sup>
PST 304	Electrotherapy: Actinotherapy Ultrasonic Therapy and other Radiations	2	Compulsory	2 <sup>nd</sup>
PST 322	Practical Electrotherapy	4	Compulsory	2 <sup>nd</sup>
PST 325	Pathokinesiology	3	Compulsory	2 <sup>nd</sup>
PST 323	Introduction to movement	3	Compulsory	2 <sup>nd</sup>
PST 326	Practical Exercise and Manual Therapy I	4	Compulsory	2 <sup>nd</sup>

PST 330	Industrial attachment SIWES I (Long Vacation)	4	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS FOR 2<sup>ND</sup> SEMESTER: 44 UNITS</b>				

The practical aspect of PST 321, PST 304, 302 and 303 shall be examined under PST 322. The practical aspect of PST 303, 309, 310, PST 307, PST 308 and 325 shall be examined under PST 326. The practical examination shall be conducted at the end of 1<sup>st</sup> semester or 2<sup>nd</sup> semester 400 level as they require moderation by the external Examiner.

## 1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTERS 300 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 311	Introduction to Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 312	Introduction to Kinesiology	3	Compulsory	1 <sup>st</sup>
SOC 202	Introduction to Social Institutions	3	Compulsory	1 <sup>st</sup>
PST 301	Nursing Skills	2	Compulsory	1 <sup>st</sup>
BTS 300	Basic Therapeutic Skills	2	Compulsory	1 <sup>st</sup>
PST 328	Introduction to Clinicals	3	Compulsory	2 <sup>nd</sup>
PST 329	Introductory Pathology	3	Compulsory	2 <sup>nd</sup>
PST 309	Exercise Therapy I	3	Compulsory	2 <sup>nd</sup>
PST 310	Exercise Therapy II	3	Compulsory	2 <sup>nd</sup>
PST 307	Theory and Practice of Massage I	2	Compulsory	2 <sup>nd</sup>
PST 308	Theory and Practice of Massage II	2	Compulsory	2 <sup>nd</sup>
PST 306	Professional Ethics	1	Compulsory	2 <sup>nd</sup>
PST 321	Cryotherapy	3	Compulsory	2 <sup>nd</sup>
PST 302	Electrotherapy: Direct and Low Frequency Current	2	Compulsory	2 <sup>nd</sup>
PST 303	Electrotherapy: High Frequency Currents	2	Compulsory	2 <sup>nd</sup>

PST 304	Electrotherapy: Actinotherapy Ultrasonic Therapy and other Radiations	2	Compulsory	2 <sup>nd</sup>
PST 322	Practical Electrotherapy	4	Compulsory	2 <sup>nd</sup>
PST 325	Pathokinesiology	3	Compulsory	2 <sup>nd</sup>
PST 323	Introduction to movement	3	Compulsory	2 <sup>nd</sup>
PST 326	Practical Exercise and Manual Therapy I	4	Compulsory	2 <sup>nd</sup>
PST 330	Industrial attachment SIWES I (Long Vacation)	4	Compulsory	2 <sup>nd</sup>
<b>GRAND TOTAL FOR 300 LEVEL: 57 UNITS</b>				

### 300 LEVEL OF DOCTOR OF PHYSIOTHERAPY (DPT)

COURSE CODE	TITLE	UNITS
PST 311	Introduction to Physiotherapy	3
PST 312	Introduction to Kinesiology	3
SOC 202	Introduction to Social Institutions	3
PST 301	Nursing Skills	2
BTS 300	Basic Therapeutic Skills	2
PST 328	Introduction to Clinicals	3
PST 329	Introduction to Pathology	3
PST 309	Exercise Therapy I	3
PST 310	Exercise Therapy I	3
PST 307	Theory and Practice of Massage I	2
PST 308	Theory and Practice of Massage II	2
PST 306	Professional Ethics	1
PST 321	Cryotherapy	3
PST 302	Electrotherapy: Direct & Low Frequency Currents	2
PST 303	Electrotherapy: High Frequency Current	2
PST 304	Electrotherapy: Actinotherapy Ultrasonic Therapy and other Radiations	2
PST 322	Practical Electrotherapy	4
PST 325	Pathokinesiology	3
PST 323	Introduction to Movement	3
PST 326	Practical Exercise and Manual Therapy	4
PST 330	Industrial Attachment (IT) SIWES I (Long Vacation)	4

## 1<sup>ST</sup> SEMESTER 400 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 413	Muscle Strengthening and Joint Mobilization Techniques	3	Compulsory	1 <sup>st</sup>
PST 415	Manipulative Therapy (Spinal and Peripheral)	3	Compulsory	1 <sup>st</sup>
PST 417	Introduction to Physiotherapy Administration	3	Compulsory	1 <sup>st</sup>
PST 418	Physical Diagnosis	3	Compulsory	1 <sup>st</sup>
PST 419	Dissertation Seminar	3	Compulsory	1 <sup>st</sup>
PST 414	Therapeutic Exercises	3	Compulsory	1 <sup>st</sup>
PST 416	Practice Exercise and Manual Practical Therapy II	4	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 22 UNITS</b>				

- Practical aspect of PST 414, PST 415 shall be examined under PST 416.
- Physiotherapy Clinical Practice (1) shall run throughout the session.



## 2<sup>ND</sup> SEMESTER 400 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 401	Physiotherapy in Orthopaedics I	3	Compulsory	2 <sup>nd</sup>
PST 402	Physiotherapy in Orthopaedics II	3	Compulsory	2 <sup>nd</sup>
PST 422	Neurological Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 425	Obstetrics, Gynaecological Disorders, Nutritional Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 410	Physiotherapy in General Surgical Conditions	3	Compulsory	2 <sup>nd</sup>
PST 426	Research Methodology and Biostatistics	3	Compulsory	2 <sup>nd</sup>
PST 424	Community Physiotherapy and Ergonomics	3	Compulsory	2 <sup>nd</sup>
PST 421	Physiotherapy in Chest Conditions	3	Compulsory	2 <sup>nd</sup>
PST 404	Clinical Practice I	6	Compulsory	2 <sup>nd</sup>
PST 428	Clinical Seminar	3	Compulsory	2 <sup>nd</sup>
PST 427	Physiotherapy in Rheumatology and Arthritic Conditions	3	Compulsory	2 <sup>nd</sup>
PST 403	Pathology I	1	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS FOR 2<sup>ND</sup> SEMESTER: 37 UNITS</b>				

## 1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTERS 400 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 413	Muscle Strengthening and Joint Mobilization Techniques	3	Compulsory	1 <sup>st</sup>
PST 415	Manipulative Therapy (Spinal and Peripheral)	3	Compulsory	1 <sup>st</sup>
PST 417	Introduction to Physiotherapy Administration	3	Compulsory	1 <sup>st</sup>
PST 418	Physical Diagnosis	3	Compulsory	1 <sup>st</sup>
PST 419	Dissertation Seminar	3	Compulsory	1 <sup>st</sup>
PST 414	Therapeutic Exercises	3	Compulsory	1 <sup>st</sup>
PST 416	Practice Exercise and Manual Practical Therapy II	4	Compulsory	1 <sup>st</sup>
PST 401	Physiotherapy in Orthopaedics I	3	Compulsory	2 <sup>nd</sup>
PST 402	Physiotherapy in Orthopaedics II	3	Compulsory	2 <sup>nd</sup>
PST 422	Neurological Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 425	Obstetrics, Gynaecological Disorder, Nutritional Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 410	Physiotherapy in General Surgical Conditions	3	Compulsory	2 <sup>nd</sup>
PST 426	Research Methodology	3	Compulsory	2 <sup>nd</sup>

	and Biostatistics			
PST 424	Community Physiotherapy and Ergonomics	3	Compulsory	2 <sup>nd</sup>
PST 421	Physiotherapy in Chest Conditions	3	Compulsory	2 <sup>nd</sup>
PST 404	Clinical Practice I	6	Compulsory	2 <sup>nd</sup>
PST 428	Clinical Seminar	3	Compulsory	2 <sup>nd</sup>
PST 427	Physiotherapy in Rheumatology and Arthritic Conditions	3	Compulsory	2 <sup>nd</sup>
PST 403	Pathology I	1	Compulsory	2 <sup>nd</sup>
<b>GRAND TOTAL FOR 400 LEVEL: 59 UNITS</b>				

#### 400 LEVEL OF DOCTOR OF PHYSICAL THERAPY (DPT)

COURSE CODE	TITLE	UNITS
PST 413	Muscle Strengthening and Joint Mobilization Techniques	3
PST 415	Manipulative Therapy (Spinal and Peripheral)	3
PST 417	Introduction to Physiotherapy Administration	3
PST 427	Physiotherapy in Rheumatology and Arthritic Conditions	3
PST 428	Clinical Seminar	3
PST 418	Physical Diagnosis	3
PST 419	Dissertation Seminar	3
PST 402	Therapeutic Exercises	3
PST 416	Practical Exercise and Manual Therapy II	4
PST 401	Physiotherapy in Orthopaedics I	3
PST 414	Physiotherapy in Orthopaedics II	3
PST 422	Neurological Disorders and Rehabilitation	3
PST 425	Obstetrics, Gynaecological Disorders, Nutritional Disorders and Rehabilitation	3
PST 410	Physiotherapy in General Surgical Conditions	3
PST 426	Research Methodology and Biostatistics	3
PST 421	Physiotherapy in Chest Conditions	3
PST 401	Clinical Practice I	6
PST 424	Community Physiotherapy and Ergonomics	3
PST 403	Pathology	1

## 1<sup>ST</sup> SEMESTER 500 LEVEL COURSES

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
PST 502	Tissue Biology and Pathology	2	Compulsory	1 <sup>st</sup>
PST503	Current Physical Therapy Practice	3	Compulsory	1 <sup>st</sup>
PST 504	Business Management	3	Compulsory	1 <sup>st</sup>
PST 505	Imaging	2	Compulsory	1 <sup>st</sup>
PST 506	Health Promotion and Wellness	2	Compulsory	1 <sup>st</sup>
PST 507	Patient Management Neuromuscular I	3	Compulsory	1 <sup>st</sup>
PST 508	Evidence-based Practice I	3	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 18 UNITS</b>				

## 2<sup>ND</sup> SEMESTER 500 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 509	Patient Management Neuromuscular II: Adult	3	Compulsory	2 <sup>nd</sup>
PST 512	Evidence-based Practice II	3	Compulsory	2 <sup>nd</sup>
PST 514	Teaching and Learning Strategy	2	Compulsory	2 <sup>nd</sup>
PST 515	Instrumented Movement Analysis	2	Compulsory	2 <sup>nd</sup>
PST 518	Patient Management Musculoskeletal I	3	Compulsory	2 <sup>nd</sup>
PST 520	Alternative and Complementary Therapies	2	Required	2 <sup>nd</sup>
PST 521	Patient Management Neuromuscular III: Paediatrics	3	Compulsory	2 <sup>nd</sup>
PST 522	Patient Management Musculoskeletal II	3	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS FOR 2<sup>ND</sup> SEMESTER: 21 UNITS</b>				

### 1<sup>ST</sup> & 2<sup>ND</sup> SEMESTERS 500 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 502	Tissue Biology and Pathology	2	Compulsory	1 <sup>st</sup>
PST 503	Current Physical Therapy Practice	3	Compulsory	1 <sup>st</sup>
PST 504	Business Management	3	Compulsory	1 <sup>st</sup>
PST 505	Imaging	2	Compulsory	1 <sup>st</sup>
PST 506	Health Promotion and Wellness	2	Compulsory	1 <sup>st</sup>
PST 507	Patient Management Neuromuscular I	3	Compulsory	1 <sup>st</sup>
PST 508	Evidence-based Practice I	3	Compulsory	1 <sup>st</sup>
PST 509	Patient Management Neuromuscular II: Adult	3	Compulsory	2 <sup>nd</sup>
PST 512	Evidence-based Practice II	3	Compulsory	2 <sup>nd</sup>
PST 514	Teaching and Learning Strategy	2	Compulsory	2 <sup>nd</sup>
PST 515	Instrumented Movement Analysis	2	Compulsory	2 <sup>nd</sup>
PST 518	Patient Management Musculoskeletal I	3	Compulsory	2 <sup>nd</sup>
PST 520	Alternative and Complementary Therapies	2	Required	2 <sup>nd</sup>
PST 521	Patient Management Neuromuscular III: Paediatrics	3	Compulsory	2 <sup>nd</sup>
PST 522	Patient Management Musculoskeletal II	3	Compulsory	2 <sup>nd</sup>
<b>GRAND TOTAL FOR 500 LEVEL: 39 UNITS</b>				

## 500 LEVEL OF DOCTOR OF PHYSICAL THERAPY (DPT)

<b>COURSE NO.</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
PST 502	Tissue Biology and Pathology	2
PST 503	Current Physical Therapy Practice	3
PST 504	Business Management	3
PST 505	Imaging	2
PST 506	Health Promotion and Wellness	2
PST 507	Patient Management Neuromuscular I	3
PST 508	Evidence-based Practice I	3
PST 509	Patient Management Neuromuscular II: Adult	3
PST 512	Evidence-based Practice II	3
PST 514	Teaching and Learning Strategy	2
PST 515	Instrumented Movement Analysis	2
PST 518	Patient Management Musculo-skeletal I	3
PST 520	Alternative and Complementary Therapies	2
PST 521	Patient Management Neuromuscular III: Paediatrics	3
PST 522	Patient Management Musculoskeletal	3



## 1<sup>ST</sup> SEMESTER 600 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 601	Clinical Attachment including Community Physiotherapy Posting		Compulsory	1 <sup>st</sup>
PST 610	Hydrotherapy	3	Compulsory	1 <sup>st</sup>
PST 607	Neurological Disorders and Rehabilitation I	3	Compulsory	1 <sup>st</sup>
PST 612	Specialty Lectures: (Anaesthesia, Radiology, Psychiatry, Pathology, Occupational Therapy, Medical Social Work, Primary Health Care, Bobath and PNF Techniques, Prosthetics and Orthotics, Plaster of Paris Casting Techniques	3	Compulsory	1 <sup>st</sup>
PST 606	Physiotherapy in Geriatrics	3	Compulsory	1 <sup>st</sup>
PST 614	Clinical Measurement and Instrumentation	3	Compulsory	1 <sup>st</sup>
PST 604	Physiotherapy in Cardiovascular Conditions	3	Compulsory	1 <sup>st</sup>
PST 616	Project Seminar	3	Compulsory	1 <sup>st</sup>
PST 617	Intensive Care Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 618	Physiotherapy Clinical Practice II	6	Compulsory	1 <sup>st</sup>
PST 611	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS: 33 UNITS</b>				

- PST 618 - Physiotherapy Clinical Practice will be examined at the end of 2<sup>nd</sup> Semester.

## 2<sup>ND</sup> SEMESTER 600 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMESTER
PST 618	Physiotherapy Clinical Practice II	6	Compulsory	2 <sup>nd</sup>
PST 620	Pharmacological Consideration in Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 621	Skin disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 622	Sports Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 605	Physiotherapy in Physical Fitness	1	Compulsory	2 <sup>nd</sup>
PST 623	Research Project	6	Compulsory	2 <sup>nd</sup>
PST 609	Clinicals: Obstetrics and Gynaecological Posting	2	Compulsory	2 <sup>nd</sup>
PST 610	Clinicals: Theatre Posting	2	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT UNITS: 26 UNITS</b>				

## 1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTERS 600 LEVEL COURSES

COURSE NO	COURSE TITLE	CREDIT UNIT	TYPE	SEMES- TER
PST 601	Clinical Attachment including Community Physiotherapy Posting		Compulsory	1 <sup>st</sup>
PST 610	Hydrotherapy	3	Compulsory	1 <sup>st</sup>
PST 607	Neurological Disorders and Rehabilitation I	3	Compulsory	1 <sup>st</sup>
PST 612	Specialty Lectures: (Anaesthesia, Radiology, Psychiatry, Pathology, Occupational Therapy, Medical Social Work, Primary Health Care, Bobath and PNF Techniques, Prosthetics and Orthotics, Plaster of Paris Casting Techniques	3	Compulsory	1 <sup>st</sup>
PST 606	Physiotherapy in Geriatrics	3	Compulsory	1 <sup>st</sup>
PST 614	Clinical Measurement and Instrumentation	3	Compulsory	1 <sup>st</sup>
PST 604	Physiotherapy in Cardiovascular Conditions	3	Compulsory	1 <sup>st</sup>
PST 616	Project Seminar	3	Compulsory	1 <sup>st</sup>
PST 617	Intensive Care Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 618	Physiotherapy Clinical Practice II	6	Compulsory	1 <sup>st</sup>
PST 611	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
PST 618	Physiotherapy Clinical Practice II	6	Compulsory	2 <sup>nd</sup>
PST 620	Pharmacological Consideration in Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 621	Skin Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 622	Sports Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 605	Physiotherapy in Physical Fitness	1	Compulsory	2 <sup>nd</sup>
PST 623	Research Project	6	Compulsory	2 <sup>nd</sup>
PST 609	Clinicals: Obstetrics and Gynaecological Posting	2	Compulsory	2 <sup>nd</sup>
PST 610	Clinicals: Theatre Posting	2	Compulsory	2 <sup>nd</sup>
<b>GRAND TOTAL FOR 600 LEVEL: 59 UNITS</b>				

**600 LEVEL OF DOCTOR OF PHYSICAL THERAPY COURSE (DPT)**

<b>COURSE NO.</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
PST 607	Neurological Disorders and Rehabilitation II	3
PST 618	Physiotherapy Clinical Practice II	6
PST 620	Pharmacological Consideration in Physiotherapy	3
PST 621	Skin Disorders and Rehabilitation	3
PST 622	Sports Physiotherapy	3
PST 605	Physiotherapy in Physical Fitness	1
PST 623	Research Project	6
PST 609	Clinicals: Obstetrics and Gynaecological Posting	2
PST 610	Hydrotherapy	3
PST 601	Clinical Attachment including Community Physiotherapy Posting	
PST 612	Specialty Lectures: (Anaesthesia, Radiology, Psychiatry, Pathology, Occupational Therapy, Medical Social Work, Primary Health Care, Bobath & PNF Techniques, Prosthetics and Orthotics, Plaster of Paris Casting Techniques	3
PST 606	Physiotherapy in Geriatrics	3
PST 614	Clinical Measurement and Instrumentation	3
PST 604	Physiotherapy in Cardiovascular Conditions	3
PST 616	Project Seminar	3

PST 617	Intensive Care Physiotherapy	3
PST 615	Clinicals: Theatre Posting	2
PST 618	Physiotherapy Clinical Practice II	6
PST 611	Neurological Disorder and Rehabilitation II	3