

**HARMONISED  
CURRICULUM OF STUDIES**

**FOR THE**

**BACHELOR OF PHYSIOTHERAPY (B.PT)  
DEGREE PROGRAMME IN NIGERIAN  
UNIVERSITIES**

**AS A**

**STANDARD CONTROL MEASURE**

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NIGERIA (MRTB)**

# HARMONISED CURRICULUM OF STUDIES FOR THE BACHELOR OF PHYSIOTHERAPY DEGREE PROGRAMME IN NIGERIAN UNIVERSITIES

## BACHELOR OF PHYSIOTHERAPY (B. PT)

### 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, Curative, Therapeutic, Preventive 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 a 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. Now that the Curriculum has been revised to include all required components by international standards, the required duration of studies is now five years. Here in Nigeria, just as obtained abroad, the University of Ibadan, U. I, Obafemi Awolowo University, OAU, University of Lagos, UNILAG and University of Nigeria, UNN (where programmes of studies in Physiotherapy are offered) now run five – year programme of studies of Physiotherapy.

At the completion of this programme, a professional degree in Physiotherapy denoted by the letters, **B.PT**, is awarded. This is in compliance with the guidelines of the Medical Rehabilitation Therapists 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. (WCPT) For example, many Universities in Canada, United States of America, Australia and many other leading nations of the world now award the professional degree of Bachelor of Physiotherapy.

## **PHILOSOPHY OF BACHELOR OF PHYSIOTHERAPY PROGRAMME OF STUDIES**

Bachelor of Physiotherapy programme of studies is designed for mature and adequately-prepared students who wish to choose 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 worthy contributions to the restoration of the physically-challenged to a state of meaningful existence.

The decision to start this programme of studies is in response to the health care needs of the nation for a leadership cadre of personnel in Physiotherapy aspect of health care and for future Physical Therapists to be able to cope with the expanding role of Physiotherapy in the continually-changing health care delivery.

## **COURSE OBJECTIVES**

The objectives of the Bachelor of Physiotherapy 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.

## **REGULATIONS GOVERNING THE DEGREE OF B. PHYSIOTHERAPY**

### **1. DESIGNATION**

An Integrated professional programme of courses is provided leading to the award of Bachelor of Physiotherapy, to be denoted by the letters (B.P.T.) It shall be an unclassified degree (i.e. without Class/Honours).

### **2. ADMISSION REQUIREMENTS**

- (a) The applicants or the prospective students for the Bachelor of Physiotherapy course of studies must satisfy the minimum entrance requirements of each university offering the course.
- (b) Candidates for admission into 100 level must have a minimum of 5 credit passes in Physics, Biology, Chemistry, Mathematics and English language at Senior Secondary Certificate Examination (SSSCE) 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 Institution may be admitted to 200 levels. Candidates' holding the General Certificate of Education passes 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.

### **3. PROGRAMME STRUCTURE**

The programme is made up of five years of formal studies in the University, two years of pre-clinicals to study basic sciences and basic medical science subjects. This shall be followed by one year for the practical of the techniques and two other years of clinicals. The professional training of the students will be

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

### **4. LENGTH OF COURSE**

The Bachelor of Physiotherapy degree programme shall normally extend over 10 semesters (5 academic sessions) for candidates admitted into 100 level of studies; and 8 semesters (4 academic sessions) for candidates admitted into 200 level of studies. The maximum number of semesters allowed for the degree shall be 18 semesters.

### **5. 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 each 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 other departments shall be as stipulated by the 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 departmental examiners in each subject area and The Head of the department shall be the Chief Examiner and the officials of the Board MRTB shall be among the external examiners.
- (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 (HOD) shall present the signed examination results of his department to the Examiner's Board for consideration and subsequent approval of 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) Students who, for no acceptable reason, absent themselves from any examination shall be deemed to have failed the examination.
- (kj) The list of successful students for the degree shall be published in alphabetical order, indicating those who pass with distinction in any subject.
- (l) Candidates who fail examinations in department - based courses may be re-examined in each of the 300 - 500 level courses he fails during a re-sit examination.

- (m) 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 - 27.
- (c) Transfer students shall be expected to have taken and passed all the compulsory required courses for the B. Physiotherapy 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 studies. All students at 100 levels should obtain a minimum number 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). Students who fail to obtain the required number of units in General Studies Courses at 100 level shall have to pass the course before they can be allowed to graduate in accordance with each university's regulation.
- (b) Students shall not normally proceed to the clinical level of studies until they have passed all relevant courses at the pre-clinical level. Students at pre-clinical level of studies 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 studies, students shall not normally proceed to 400 and 500 levels until they obtain a minimum 47 units, during the 2<sup>nd</sup> semester 300 and 400 levels. Courses passed must include all courses in the subject areas of Electrotherapy, Exercise Therapy, Manual Therapy 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 Bachelor of Physiotherapy, provided such a candidate fulfils all the academic requirements and his conduct conform to that expected of prospective Physical Therapists. The department has the exclusive right to refuse recommending through the Faculty to the senate, the award of B. 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 Bachelor 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) 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 18 credit units in any session to get a warning in writing.
- ii. Candidates with less than 15 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.
- iv. A student who after 18 semesters has not obtained a degree shall be asked to withdraw from the programme.

### **10. GRADUATION REQUIREMENTS AND AWARD OF B. PHYSIOTHERAPY DEGREE**

To be eligible for the award of Bachelor of Physiotherapy Degree, a student must obtain a minimum of 130 credit units, 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 department of Physiotherapy offering Bachelor of Physiotherapy programme would recommend the candidates to the Senate of the University through the Faculty.

### 1ST SEMESTER 100 LEVEL COURSES

COURSE NOS	COURSE TITLES	CREDIT UNITS	TYPE	SEMESTER
GES 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>
CS 103	Introductory Computer Science	2	Required	1 <sup>st</sup>
MAT 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 of Physics V	3	Required	1 <sup>st</sup>
<b>TOTAL CREDIT UNITS FOR 1<sup>ST</sup> SEMESTER: 27 UNITS</b>				

## 2ND SEMESTER 100 LEVEL COURSES

<b>COURSE NOS</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</b>	<b>TYPE</b>	<b>SEMESTER</b>
STAT 111	Descriptive Statistics	4	Required	2 <sup>nd</sup>
GES 102	Nigerian Peoples and Cultures	3	Compulsory	2 <sup>nd</sup>
CHEM 127	Inorganic Chemistry	3	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	3	Required	2 <sup>nd</sup>
BIO 101	Introductory Biology	3	Required	2 <sup>nd</sup>
GES 103	Introduction to Philosophy and Logic	2	Required	2 <sup>nd</sup>
BTN 101	General Botany	3	Required	2 <sup>nd</sup>
<b>TOTAL CREDIT: 27 UNITS</b>				

**REQUIREMENTS FOR THE 100 LEVEL OF (B. PHYSIOTHERAPY DEGREE PROGRAMME)**

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</b>	<b>TYPE</b>	<b>SEMESTERS</b>
PHY 114	Basic Principles of Physics IV	3	Compulsory	1 <sup>st</sup>
PHY 115	Experimental Physics	3	Required	1 <sup>st</sup>
CS 103	Introductory Computer Science	2	Required	1 <sup>st</sup>
MAT 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 Peoples 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>
BIO 101	Introductory Biology	3	Required	2 <sup>nd</sup>
STAT 111	Descriptive Statistics	4	Required	2 <sup>nd</sup>
PHY 118	Basic Principles of Physics V	3	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 BACHELOR OF PHYSIOTHERAPY (B.PT) DEGREE PROGRAMME

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
CS 103	Introductory Computer Science	2
MAT 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
BIO 101	Introductory Biology	3
STAT 111	Descriptive Statistics	4

### 1ST SEMESTER 200 LEVEL COURSES

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</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 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: 29 UNITS</b>				

## 2ND SEMESTER 200 LEVEL COURSES

COURSE NOS.	COURSE TITLES	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 Instruments	3	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT: 20 UNITS</b>				

**(B. PHYSIOTHERAPY) DEGREE PROGRAMME**

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</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 Bio-Chemistry 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	Statistics 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 Instruments	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>TOTAL CREDIT: 49 UNITS</b>				

**200 LEVEL OF BACHELOR OF PHYSIOTHERAPY DEGREE PROGRAMME**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
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 & Bio - Chemistry of Macro Molecules	3
BIC 202	Enzymes and Intermediary Metabolism	3
PHY 201	Electrophysics - Physics for Biology I/ Basic Electronics	3
PHY 201	Electrophysics - Physics for Biology II/ Electronics and Physiotherapy Electrical Instruments	3
PSY 201	Abnormal Psychology	3
STAT 201	Statistics for Agric and Biology	3
GES 105	Animal Husbandry	3

### **1ST SEMESTER 300 LEVEL COURSES**

COURSE NOS.	COURSE TITLES	CREDIT UNITS	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>
<b>TOTAL CREDIT: 13 UNITS</b>				

**NOTE:**

This marks the end of the pre-clinical level of the B. Physiotherapy programme.

1. Pass mark for all courses at this level is 40%.
2. No candidate can proceed to the clinical level of the programme until he has passed **ALL COMPULSORY COURSES**

**2ND SEMESTER 300 LEVEL (CLINICALS)**

<b>COURSE NOS</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</b>	<b>TYPE</b>	<b>SEMESTERS</b>
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 (Long vacation)	4	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT: 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.

### **300 LEVEL OF BACHELOR OF PHYSIOTHERAPY**

**(B. PHYSIOTHERAPY) DEGREE PROGRAMME**

<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	2	Compulsory	1 <sup>st</sup>
PST 300	Basic Therapeutic skills	2	Compulsory	1 <sup>st</sup>
PST 328	Introduction to Clinicals	2	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: 57 UNITS</b>				

**300 LEVEL OF BACHELOR OF PHYSIOTHERAPY (B. PHYSIOTHERAPY) DEGREE PROGRAMME**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
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 II	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 Currents	2
PST 304	Electrotherapy: Actinotherapy	2
	Ultrasonic Therapy and other Radiations	
PST 322	Practical Electrotherapy	4
PST 325	Pathokinesiology	3
PST 325	Introduction to Movement	3
PST 326	Practical Exercise and Manual Therapy	4
PST 330	Industrial Attachment (IT) SIWES I	4
	(Long vacation)	

**400 LEVEL COURSES**

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</b>	<b>TYPE</b>	<b>SEMESTER</b>
PST 413	Muscle Strengthening and Joint Mobilisation 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	Practical Exercise and Manual Therapy II (Practical)	4	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT: 22 UNITS</b>				

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

## 2ND SEMESTER 400 LEVEL COURSES

<b>COURSE NO</b>	<b>COURSE TITLE</b>	<b>CREDIT UNIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
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: 37 UNITS</b>				

**400 LEVEL OF BACHELOR OF PHYSIOTHERAPY  
(B. PHYSIOTHERAPY) DEGREE PROGRAMME**

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNIT S</b>	<b>TYPE</b>	<b>SEMESTER</b>
PST 413	Muscle Strengthening and Joint Mobilisation 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	Practical Exercise and Manual Therapy II (Practical)	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 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>GRAND TOTAL: 59 UNITS</b>				

**400 LEVEL OF BACHELOR OF PHYSIOTHERAPY (B. PHYSIOTHERAPY)  
DEGREE PROGRAMME**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
PST 413	Muscle Strengthening and Joint Mobilisation Techniques	3
PST 415	Manipulative Therapy (Spinal & 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 (Practical)	4
PST 401	Physiotherapy in Orthopaedics I	3
PST 414	Physiotherapy in Orthopaedics II	3
PST 422	Neurological Disorders and Rehabilitation	2
PST 425	Obstetrics, Gynaecological Disorders, Nutritional Disorders & 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

### **1ST SEMESTER 500 LEVEL COURSES**

<b>COURSE NOS.</b>	<b>COURSE TITLES</b>	<b>CREDIT UNITS</b>	<b>TYPE</b>	<b>SEMESTER</b>
PST 501	Clinical attachment including Community Physiotherapy posting.			1 <sup>st</sup>
PST 510	Hydrotherapy	3	Compulsory	1 <sup>st</sup>
PST 511	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
PST 512	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 506	Physiotherapy in Geriatrics	3	Compulsory	1 <sup>st</sup>
PST 514	Clinical Measurement and Instrumentation	3	Compulsory	1 <sup>st</sup>
PST 504	Physiotherapy in Cardiovascular Conditions	3	Compulsory	1 <sup>st</sup>
PST 516	Project Seminar	3	Compulsory	1 <sup>st</sup>
PST 517	Intensive Care Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 518	Physiotherapy Clinical Practice II	6	Compulsory	1 <sup>st</sup>
PST 511	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
<b>TOTAL CREDIT: 33 UNITS</b>				

\* PST 518 - Physiotherapy clinical practice will be examined at the end of 2<sup>nd</sup> semester.

### 2ND SEMESTER 500 LEVEL COURSES

<b>COURSE</b>	<b>COURSE TITLES</b>	<b>CREDIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
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<b>NOS.</b>		<b>UNITS</b>		
PST 518	Physiotherapy Clinical Practice II	6	Compulsory	2 <sup>nd</sup>
PST 520	Pharmacological Consideration in Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 521	Skin Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 522	Sports Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 505	Physiotherapy in Physical Fitness	1	Compulsory	2 <sup>nd</sup>
PST 523	Research Project	6	Compulsory	2 <sup>nd</sup>
PST 509	Clinical- Obstetrics and Gynaecological posting	2	Compulsory	2 <sup>nd</sup>
PST 510	Clinical- Theatre posting	2	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT: 26 UNITS</b>				

### 1ST & 2ND SEMESTER 500 LEVEL COURSES

<b>COURSE</b>	<b>COURSE TITLES</b>	<b>CREDIT</b>	<b>TYPE</b>	<b>SEMESTER</b>
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NOS		UNITS		
PST 501	Clinical attachment including Community Physiotherapy posting.			1 <sup>st</sup>
PST 510	Hydrotherapy	3	Compulsory	1 <sup>st</sup>
PST 511	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
PST 512	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 506	Physiotherapy in Geriatrics	3	Compulsory	1 <sup>st</sup>
PST 514	Clinical Measurements and Instrumentation	3	Compulsory	1 <sup>st</sup>
PST 504	Physiotherapy in Cardiovascular Conditions	3	Compulsory	1 <sup>st</sup>
PST 516	Project Seminar	3	Compulsory	1 <sup>st</sup>
PST 517	Intensive Care Physiotherapy	3	Compulsory	1 <sup>st</sup>
PST 518	Physiotherapy Clinical Practice II	6	Compulsory	1 <sup>st</sup>
PST 511	Neurological Disorders and Rehabilitation II	3	Compulsory	1 <sup>st</sup>
PST 518	Physiotherapy Clinical Practice II	6	Compulsory	2 <sup>nd</sup>
PST 520	Pharmacological Consideration in Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 521	Skin Disorders and Rehabilitation	3	Compulsory	2 <sup>nd</sup>
PST 522	Sports Physiotherapy	3	Compulsory	2 <sup>nd</sup>
PST 505	Physiotherapy in Physical Fitness	1	Compulsory	2 <sup>nd</sup>
PST 523	Research Project	6	Compulsory	2 <sup>nd</sup>
PST 509	Clinical - Obstetrics and Gynaecological posting	2	Compulsory	2 <sup>nd</sup>
PST 510	Clinical - Theatre posting	2	Compulsory	2 <sup>nd</sup>
<b>TOTAL CREDIT: 59 UNITS</b>				

**500 LEVEL OF BACHELOR OF PHYSIOTHERAPY (B. PHYSIOTHERAPY)  
DEGREE PROGRAMME**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>UNITS</b>
PST 511	Neurological Disorders and Rehabilitation	3
PST 518	Physiotherapy Clinical Practice II	6
PST 520	Pharmacological Consideration in Physiotherapy	3
PST 521	Skin Disorders and Rehabilitation	3
PST 522	Sports Physiotherapy	3
PST 505	Physiotherapy in Physical Fitness	1
PST 523	Research Project	6
PST 509	Clinical - Obstetrics and Gynaecological Posting	2
PST 510	Hydrotherapy	3
PST 501	Clinical Attachment including Community Physiotherapy Posting	3
PST 512	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 506	Physiotherapy in Geriatrics	3
PST 514	Clinical Measurements and Instrumentation	3
PST 504	Physiotherapy in Cardiovascular Conditions	3
PST 516	Project Seminar	3
PST 517	Intensive Care Physiotherapy	3
PST 515	Clinical - Threatre Posting	2
PST 518	Physiotherapy Clinical Practice II	6
PST 511	Neurological Disorder and Rehabilitation II	3