

**Bachelor of
Science Program
in
Physical Therapy**

Name of Curriculum : Bachelor of Science Physical Therapy

Name of Degree : Bachelor of Science Physical Therapy

: (**Abbr**) B.Sc. (Physical Therapy)

Curriculum

Curriculum Structure

1 General Education Courses **30 Credits**

1.1 Language and Communication Courses **12 Credits**

Select from

001101	ENGL 101	Fundamental English 1	33-0-6
001102	ENGL 102	Fundamental English 2	33-0-6
001201	ENGL 201	Critical Reading and Effective Writing	33-0-6
001226	ENGL 226	English in Health Sciences Context	33-0-6

1.2 Humanity and Social Science Courses **9 Credits**

Select from

009103	LS 103	Information Literacy and Information Presentation	33-0-6
128100	PA 100	Basic Good Governance in Administration	33-0-6
154104	GEO 104	Environmental Conservation	33-0-6
703103	MGMT 103	Introduction to Entrepreneurship and Business	33-0-6
751100	ECON 100	Economics for Everyday Life	33-0-6

Select from

013110	PSY 110	Psychology and Daily Life	33-0-6
050106	HUGE 106	Humanistic Arts	33-0-6

1.3 Sciences and Mathematics Courses **6 Credits**

Select from

201110	SC 110	Integrated Mathematical Sciences	32-2-5
201115	SC 115	Life and Energy	33-0-6
203100	CHEM 100	Chemistry in Everyday Life	33-0-6
208101	STAT 101	Statistics for Everyday Life and Work	32-2-5
211100	BCT 100	Eating Well: Better Living and Disease Prevention	33-0-6

1.4 Learning by Activity Courses			3 Credits
516101	IT 101	Learning through Activities 1	10-3-1
516102	IT 102	Learning through Activities 2	10-3-1
Select from			
057122	EDPE 122	Swimming for Life and Exercise	10-3-0
057123	EDPE 123	Volleyball for Life and Exercise	10-3-0
057125	EDPE 125	Rhythmic Activities for Life and Exercise	10-3-0
057126	EDPE 126	Basketball for Life and Exercise	10-3-0
057127	EDPE 127	Badminton for Life and Exercise	10-3-0
057128	EDPE 128	Tennis for Life and Exercise	10-3-0
703131	MGMT 131	Personal Leadership Development	11-0-2
703191	MGMT 191	Business Site Visit	10-2-1

2 Specific Courses

a minimum of 105 Credits

2.1 Basic Physical Therapy Courses			31 Credits
202184	BIOL 184	Basic Biology for the Health Sciences 1	43-3-6
203116	CHEM 116	Introductory General Chemistry	33-0-6
203119	CHEM 119	Introductory General Chemistry Laboratory	10-3-0
207131	PHYS 131	Physics for Associated Medical Sciences Students 1	22-0-4
207171	PHYS 171	Physics Laboratory for Associated Medical Sciences Students 1	10-3-0
208140	STAT 140	Elementary Applied Statistics	33-0-6
301208	ANAT 208	Anatomy of Upper and Lower Extremities and Vertebral Column	32-2-5
301233	ANAT 233	Basic Anatomy	32-2-5
301234	ANAT 234	Basic Neuroanatomy	32-2-5
305203	PSYC 203	Psychiatry for Physical Therapy Students	11-0-2

318322	PATH 322	Pathology for Associated Medical Science Students	22-0-4
321232	PHSO 232	Physiology for Physical Therapy Students and Occupational Therapy Students	54-3-8

2.2 Physical Therapy Courses **a minimum of 74 Credits**

2.2.1 Compulsory courses **70 Credits**

514202	PT 202	Biomechanics of Human Movement	32-2-5
514206	PT 206	Exercise Physiology for Physical Therapy	11-0-2
514211	PT 211	Physical Therapy Instruments	32-2-5
514222	PT 222	Therapeutic Exercise 1	21-2-3
514241	PT 241	Manual Therapy	10-2-1
514244	PT 244	Basic Physical Examination in Physical Therapy	21-2-3
514261	PT 261	Administration and Ethics for Physical Therapy 1	11-0-2
514272	PT 272	Basic Pharmacology, Biochemistry and Clinical Chemistry	22-0-4
514317	PT 317	Electrotherapy and Electrodiagnosis	21-2-3
514323	PT 323	Therapeutic Exercise 2	21-2-3
514335	PT 335	Clinical Practice 1	20-6-0
514336	PT 336	Clinical Practice 2	30-15-0
514337	PT 337	Clinical Practice 3	30-18-0
514341	PT 341	Manipulative Therapy	21-2-3
514343	PT 343	Prosthetics, Orthotics and Ambulatory Aids	21-3-3
514352	PT 352	Geriatric Physical Therapy	11-0-2
514358	PT 358	Physical Therapy in Community	21-2-3
514381	PT 381	Physical Therapy in Cardiopulmonary Conditions 1	32-2-5
514382	PT 382	Physical Therapy in Cardiopulmonary Conditions 2	21-2-3
514383	PT 383	Pediatric Physical Therapy 1	21-2-3

514384	PT 384	Pediatric Physical Therapy 2	21-2-3
514395	PT 395	Physical Therapy in Musculoskeletal Conditions 1	32-2-5
514396	PT 396	Physical Therapy in Musculoskeletal Conditions 2	21-2-3
514397	PT 397	Neurological Physical Therapy 1	32-2-5
514398	PT 398	Neurological Physical Therapy 2	21-2-3
514435	PT 435	Clinical Practice 4	30-15-0
514436	PT 436	Clinical Practice 5	50-21-0
514442	PT 442	Sports Physical Therapy	21-2-3
514453	PT 453	Physical Therapy in Specific Conditions	11-0-2
514462	PT 462	Administration and Ethics for Physical Therapy 2	22-0-4
514475	PT 475	Research Methodology for Physical Therapy	21-2-3
514477	PT 477	Term Paper	20-6-3

2.2.2 Selective Courses

a minimum of 4 Credits

Select from

514322	PT 322	Integrated Exercise Therapy	21-2-3
514338	PT 338	Clinical Experiences for Physical Therapy	10-4-0
514425	PT 425	Hydrotherapy	21-2-3
514451	PT 451	Women's Health	21-2-3
514466	PT 466	Spa Therapy	21-2-3

3. Elective Courses

a minimum of

6 Credits

Total Credits : a minimum of

141 Credits

Recommended Study Program

Year 1

Semester 1

			Credits
001101	ENGL 101	Fundamental English 1	33-0-6
207131	PHYS 131	Physics for Associated Medical Sciences Students 1	22-0-4
207171	PHYS 171	Physics Laboratory for Associated Medical Sciences Students 1	10-3-0
202184	BIOL 184	Basic Biology for the Health Sciences 1	43-3-6
203116	CHEM 116	Introductory General Chemistry	33-0-6
203119	CHEM 119	Introductory General Chemistry Laboratory	10-3-0
		Humanity and Social Science Course	3
		Elective course	3
		Total	20

Semester 2

			Credits
001102	ENGL 102	Fundamental English 2	33-0-6
301208	ANAT 208	Anatomy of Upper and Lower Extremities and Vertebral Column	32-2-5
		Humanity and Social Science Course	6
		Sciences and Mathematics Courses	6
		Elective course	3
		Total	21

Year 2

Semester 1

			Credits
001201	ENGL 201	Critical Reading and Effective Writing	33-0-6
208140	STAT 140	Elementary Applied Statistics	33-0-6
301233	ANAT 233	Basic Anatomy	32-2-5
321232	PHSO 232	Physiology for Physical Therapy Students and Occupational Therapy Students	54-3-8
514211	PT 211	Physical Therapy Instruments	32-2-5
514241	PT 241	Manual Therapy	10-2-1
514261	PT 261	Administration and Ethics for Physical Therapy 1	11-0-2
		Learning by Activity Courses	1
		Total	20

Semester 2

			Credits
001226	ENGL 226	English in Health Sciences Context	33-0-6
301234	ANAT 234	Basic Neuroanatomy	32-2-5
305203	PSYC 203	Psychiatry for Physical Therapy Students	11-0-2
318322	PATH 322	Pathology for Associated Medical Science Students	22-0-4
514202	PT 202	Biomechanics of Human Movement	32-2-5
514206	PT206	Exercise Physiology for Physical Therapy	11-0-2
514222	PT 222	Therapeutic Exercise 1	21-2-3

514244	PT 244	Basic Physical Examination in Physical Therapy	21-2-3
514272	PT 272	Basic Pharmacology, Biochemistry and Clinical Chemistry	22-0-4
		Total	19

Year 3

Semester 1

			Credits
514317	PT 317	Electrotherapy and Electrodiagnosis	21-2-3
514323	PT 323	Therapeutic Exercise 2	21-2-3
514335	PT 335	Clinical Practice 1	20-6-0
514341	PT 341	Manipulative Therapy	21-2-3
514343	PT 343	Prosthetics, Orthotics and Ambulatory Aids	21-3-3
514381	PT 381	Physical Therapy in Cardiopulmonary Conditions 1	32-2-5
514383	PT 383	Pediatric Physical Therapy 1	21-2-3
514395	PT 395	Physical Therapy in Musculoskeletal Conditions 1	32-2-5
514397	PT 397	Neurological Physical Therapy 1	32-2-5
		Total	21

Semester 2

			Credits
514336	PT 336	Clinical Practice 2	30-15-0
514352	PT 352	Geriatric Physical Therapy	11-0-2
514358	PT 358	Physical Therapy in Community	21-2-3
514382	PT 382	Physical Therapy in Cardiopulmonary Conditions 2	21-2-3
514384	PT 384	Pediatric Physical Therapy 2	21-2-3
514396	PT 396	Physical Therapy in Musculoskeletal Conditions 2	21-2-3

514398	PT 398	Neurological Physical Therapy 2	21-2-3
516101	IT 101	Learning through Activities 1	10-3-1
		Selective course	2
		Total	17

Summer

			Credits
514337	PT 337	Clinical Practice 3	30-18-0
		Total	3

Year 4

Semester 1

			Credits
514435	PT 435	Clinical Practice 4	30-15-0
514442	PT 442	Sports Physical Therapy	21-2-3
514453	PT 453	Physical Therapy in Specific Conditions	11-0-2
514475	PT 475	Research Methodology for Physical Therapy	21-2-3
516102	IT 102	Learning through Activities 2	10-3-1
		Selective course	2
		Total	11

Semester 2

			Credits
514436	PT 436	Clinical Practice 5	50-21-0
514462	PT 462	Administration and Ethics for Physical Therapy 2	22-0-4
514477	PT 477	Term Paper	20-6-3
		Total	9