

# Pre-Physical Therapy: Physical Therapy

## Degree Type

Bachelor of Science

## Objective:

To prepare the student for graduate studies in physical therapy. The enrollments at the graduate schools are fixed, and students must compete for these positions.

**Administrator:** Physical Therapy Emphasis: Chair, Biology Department

**Requirements:** 71 credits

## Core Requirements:

Item #	Title	Credits
BIOL2010	Human Anatomy and Physiology I	3
BIOL2010L	Human Anatomy and Physiology I Laboratory	1
BIOL2030	Human Anatomy and Physiology II	3
BIOL2030L	Human Anatomy and Physiology II Laboratory	1
BIOL2220	General Biology I	3
BIOL2220L	General Biology I Laboratory	1
BIOL2230	General Biology II	3
BIOL2230L	General Biology II Laboratory	1
CHEM2210	General Chemistry I	3
CHEM2210L	General Chemistry I Laboratory	1
CHEM2220	General Chemistry II	3
CHEM2220L	General Chemistry II Laboratory	1
	KINE1960 or BIOL1960 Clinical Observation	1
KINE2410	Introduction to Athletic Training and Physical Therapy with Laboratory	3
MATH1300	College Algebra	3
MATH2240	Elementary Statistics	3
BIOL4960	Internship in Physical Therapy	1-3
BIOL4970	Pre-Physical Therapy Capstone	1
CLTA3180	Race, Class and Gender	3
PSYC2100	Lifespan Development	3
PSYC3455	Abnormal Psychology	3

BIOL4960: 3 credits required.

**Complete one of the following sequences:**

Item #	Title	Credits
PHYS1110	College Physics I	3
PHYS1110L	College Physics I Laboratory	1
PHYS1120	College Physics II	3
PHYS1120L	College Physics II Laboratory	1

**-OR-**

Item #	Title	Credits
PHYS2110	Physics for Science and Engineering I	3
PHYS2110L	Physics for Science and Engineering I Laboratory	1
PHYS2120	Physics for Science and Engineering II	3
PHYS2120L	Physics for Science and Engineering II Laboratory	1

It is recommended that the students carefully review the admission requirements of the Physical Therapy graduate programs they intend to seek admission to before selecting these courses.

**Choose 16 credits from the following groups of courses.** At least three (3) credits from each group

**Group One:**

Item #	Title	Credits
BIOL3360	Vertebrate Comparative Anatomy	3
BIOL3360L	Vertebrate Comparative Anatomy Laboratory	1
BIOL3420	General Microbiology	3
BIOL3420L	General Microbiology Laboratory	1
BIOL3510	Studies in Histology	1
BIOL3540	Immunology	3
BIOL3620	Vertebrate Physiology	3
BIOL3620L	Vertebrate Physiology Laboratory	1
BIOL3720	Genetics	3
BIOL3720L	Genetics Laboratory	1
BIOL3820	Pathophysiology	3
BIOL3920	Cadaver Dissection I	1
BIOL3930	Cadaver Dissection II	1
CHEM3210	Organic Chemistry I	3
CHEM3210L	Organic Chemistry I Laboratory	1
CHEM3220	Organic Chemistry II	3
CHEM3220L	Organic Chemistry II Laboratory	1
PHIL3600	Clinical Ethics	3

**Group Two:**

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
KINE3440	Advanced Athletic Training	3
KINE3600	Motor Development and Motor Learning	2
KINE3640	Physiology of Exercise	3
KINE3650	Biomechanics	3
KINE4560	Administration and Supervision of HPERD	3
Total Credits		71