

# PHYSICAL THERAPY CONCENTRATION (B.H.S.)

Office: 2248 EACPHS; 313-577-1432

Director: Kristina Reid, Physical Therapy Program

<https://cphs.wayne.edu/physical-therapy/>

Physical Therapists provide services to patients/clients who have impairments of body function and structure, activity limitations, and participation restrictions or changes in physical function and health status resulting from injury, disease, or other causes. Physical therapists collaborate with a variety of professionals, address risk factors to health, are leaders and providers in the areas of prevention and promoting health, wellness and fitness, serve as educators, consultants, administrators, and advocates, utilize critical inquiry skills and direct and supervise the provision of physical therapy services. Physical Therapy services include examination, evaluation, diagnosis, prognosis, and intervention primarily for individuals with musculoskeletal, neuromuscular, cardiopulmonary, and/or integumentary conditions. Physical therapists practice in a wide variety of settings including hospitals, outpatient clinics, private practice, schools, academia, home care, industrial clinics, sports clinics, rehabilitation centers, and health and wellness programs. Students interested in the physical therapy profession should also visit the American Physical Therapy Association (<http://www.apta.org>) website.

The physical therapy curriculum at Wayne State University is a professional degree program leading to the Doctor of Physical Therapy (<http://bulletins.wayne.edu/graduate/college-pharmacy-health-sciences/health-care-sciences/physical-therapy-dpt/>) degree. The entire program involves a pre-professional component: ninety credits of undergraduate course work; a first year of physical therapy courses taken under qualified graduate status; and the final two and one half years of Physical Therapy courses taken under regular graduate status. Only those portions of the program that may be completed during the first four years of what is usually construed as an undergraduate matriculation are presented in this Bulletin. The balance of the program is presented in the Graduate Bulletin.

The program of study in physical therapy is accredited by the:

Commission on Accreditation in Physical Therapy Education for the  
Doctor of Physical Therapy program  
Attn: Accreditation Dept.  
1111 N. Fairfax St.  
Alexandria VA 22314-1488  
(<http://www.apta.org>) (<http://www.apta.org/>)

Graduates who receive a Doctor of Physical Therapy degree are eligible to take the national physical therapy licensure examination and the Canadian licensure examination and for active membership in the American Physical Therapy Association.

## Admission Requirements

Admission to the Doctor of Physical Therapy (D.P.T.) degree program is required to complete the B.H.S. physical therapy concentration requirements. Admission to the D.P.T. program is highly competitive and requires completion of the pre-professional program with a minimum undergraduate GPA of 3.0 and a minimum C (2.0) grade in each prerequisite course. Students should refer to the Graduate Bulletin (<https://bulletins.wayne.edu/graduate/college-pharmacy-health-sciences/health-care-sciences/physical-therapy-dpt/>) for all admission and course requirements for the D.P.T. degree.

## Program Requirements

The Eugene Applebaum College of Pharmacy and Health Sciences has established a combined undergraduate and graduate program in Physical Therapy. Students admitted to the Doctor of Physical Therapy (D.P.T.) program are enrolled simultaneously in the undergraduate Bachelors of Health Science (B.H.S.) with a concentration in physical therapy degree program and the graduate D.P.T. degree program. Students are eligible to apply for the B.H.S. degree after completion of the first full year in the program; a minimum of thirty credits will be applied toward both the undergraduate and graduate degree.

PLEASE NOTE: Student may NOT apply to or earn the Bachelor of Health Science with a concentration in physical therapy degree retroactively or after a subsequent higher level degree has been conferred.

## Degree Requirements

All course work for the B.H.S. physical therapy concentration must be completed in accordance with the academic procedures of the University (<http://bulletins.wayne.edu/undergraduate/general-information/academic-regulations/>) and the College (<http://bulletins.wayne.edu/undergraduate/college-pharmacy-health-sciences/academic-regulations/>) governing undergraduate scholarship and degrees. Students will need to complete one hundred and twenty credits with a GPA of 2.0 or better, including courses taken that apply to the concentration. Students who have successfully completed at least 30 credits at Wayne State University are eligible.

## Course Requirements

Code	Title	Credits
<b>Science Prerequisite Courses</b>		
BIO 1510 & BIO 1511	Basic Life Mechanisms and Basic Life Mechanisms Laboratory	4
BIO 2870	Anatomy and Physiology	5
Three credits of Biology at the 3000-level or higher (waived for students with a prior bachelor's degree)		3
PHY 2130	Physics for the Life Sciences I	4
PHY 2131	Physics for the Life Sciences Laboratory	1
PHY 2140	Physics for the Life Sciences II	4
PHY 2141	Physics for the Life Sciences Laboratory	1
Two chemistry courses with at least one lab, as long as topics do not 8-10 overlap (options for chemistry courses listed below)		
CHM 1020	Survey of General Chemistry	
CHM 1030	Survey of Organic/Biochemistry	
CHM 1100 & CHM 1130	General Chemistry I and General Chemistry I Laboratory	
CHM 1140 & CHM 1150	General Chemistry II and General Chemistry II Laboratory	
CHM 1240 & CHM 1250	Organic Chemistry I and Organic Chemistry I Laboratory	
<b>Non-Science Prerequisite Courses</b>		
ENG 1020	Introductory College Writing	3
PSY 1010	Introductory Psychology	4
or PSY 1020	Elements of Psychology	
STA 1020	Elementary Statistics	3
6 additional credits in upper division (3000 level +) courses concentrated in one area		6
<b>General Education Requirements (waived for students with a prior bachelor's degree)</b>		
Civic Literacy (CIV)		
Cultural Inquiry (CI)		

Diversity, Equity and Inclusion (DEI)

Global Learning (GL)

Intermediate Composition (IC)

Oral Communication (OC)

Social Inquiry (SI)

Wayne Experience (WE)

### Electives

To reach 90 credits 0-22

### B.H.S. Physical Therapy Concentration Courses

Select up to 30 credits of the following: 30

PT 5010 Clinical Applications I

PT 5020 Foundations of Physical Therapy

PT 5030 Basic Patient Care in Physical Therapy

PT 5120 Human Growth and Development

PT 5300 Surface Anatomy

PT 5320 Basic Examination and Evaluation Procedures

PT 5400 Neurosciences for Health Care Professionals

PT 5410 Clinical Medicine I

PT 5430 Clinical Medicine II

PT 5500 Kinesiology and Biomechanics

PT 5505 Clinical Applications of Human Anatomy

PT 5510 Clinical Applications of Human Anatomy:  
Laboratory

PT 5650 Pathophysiology for Health Sciences

PT 5660 Pathokinesiology

PT 6300 Research I: Critical Thinking

PT 6310 Advanced Exercise Physiology

PT 6700 Motor Learning and Motor Control

## Honors Designation

Students enrolled in the Irvin D. Reid Honors College while completing the pre-concentration requirements will be eligible for the Honors distinction with the B.H.S. degree if all requirements set forth by the Honors College have been met.