



World-Class Education in the Real World™



Eugene Applebaum College of Pharmacy and Health Sciences  
Department of Health Care Sciences

### Physical Therapy Program

#### Transitional DPT Curriculum

#### Web Based Learning and/or Intensive Weekend Learning Formats

#### What is a Transitional Doctor of Physical Therapy?

The transitional Doctor of Physical Therapy is designed for physical therapists who are graduates of an accredited physical therapy program and have a current US or Canadian physical therapy license. The curriculum is intended to build on the skills, knowledge and experience of practicing clinicians. The program will prepare therapists for autonomous, evidence based practice by augmenting their knowledge in the areas of differential diagnosis, physical assessment, diagnostic imaging, scientific inquiry and pharmacology.

#### Why Wayne State University?

Wayne State University is one of the world’s leading urban universities with a reputation of training excellent healthcare professionals. The university is accredited as a doctoral degree granting institution by the North Central Association of Colleges and Schools. The physical therapy program is accredited by The Commission on Accreditation in Physical Therapy Education (CAPTE). The part time transitional doctorate program is a distance learning opportunity with one course providing a two day laboratory experience on campus. There is an opportunity for the student to pursue a special area of interest through the directed study or elective option.

#### The Program at Wayne State University

The transitional Doctor of Physical Therapy degree requires a minimum of 24 credits of eight core courses for individuals already possessing a Master of Physical Therapy Degree. For individuals not possessing a Master of Physical Therapy degree, the applicant’s educational and professional qualifications will be reviewed and an individual plan of work will be designed to meet the student’s degree requirements. Students who have a bachelor’s degree must complete a minimum of 30 credit hours.

The core curriculum consists of the following 8 courses

PT 6300: Critical Thinking and Inquiry for Health Sciences	3 credits
PT 6700: Motor Learning and Motor Control	3 credits
PT 6400: Teaching and Learning in Health Care	3 credits
PT 8300: Differential Diagnosis	3 credits
PT 8400: Diagnostic Procedures	3 credits
PT 7900: Directed Study	3 credits
PT 8170 Professional Development and Reflective Practice	3 credits
PT 8850: Clinical Practicum	3 credits

**24 Credits Total**

**Students with a BS degree :**

Bachelor of Science Prepared students must take 30 credits (24 hours at Wayne State University graduate School) of advanced level coursework. The additional program of study will be developed with the student's faculty advisor. The tDPT student will be assigned a faculty advisor during their first term of study. The student with their faculty advisor will develop a plan of work for directed study, elective courses, clinical practicum and additional coursework in preparation for the tDPT. Six hours of credit can be awarded for appropriate previous advanced degree coursework (above 500 level) taken at a four year college or university. These will be evaluated for appropriateness in meeting the educational and professional needs of the individual student.

**Students with an Masters level degree** *(including those with Bachelor level Physical Therapy Degree and advanced level degree in another specialty)*

Students will be required to take 24 credit hours of coursework through Wayne State University. The students will be required to the knowledge skills and abilities represented by the core course listed above. Credit toward tDPT degree will not be given for previous completed coursework as a minimum of 24 hours of course participation at Wayne State University is mandatory for this degree. Students may be exempted from participation in some of the core course requirements if they demonstrate knowledge and skill attainment through coursework at an advanced degree level and provided that the student is able to develop an appropriate advanced plan of work through Wayne State University to meet their educational and professional needs. This will be evaluated on an individual basis by student, advisor and course instructor.

**Applications:** Prospective students must apply to BOTH the::

- (1) Wayne State Graduate School and
- (2) tDPT program. A GRE is NOT required for either application.

**Apply Graduate school**

Apply on-line at [www.gradadmissions.wayne.edu](http://www.gradadmissions.wayne.edu)

Apply in person at Graduate admissions on the second floor of the Welcome center (Woodward and Warren in Detroit). Graduate school applications are sent to the graduate school.

*Applicants who have been previously enrolled and attended WSU graduate school do not need to formally apply to graduate school. A change of status will be executed once the tDPT application is accepted. Applicants who have previously attended WSU undergraduate program must apply to the graduate school. There is no admission charge to those who are members of the Alumni Association.*

**-AND-**

**Complete Supplemental Application for the tDPT program**

Downloadable application and application checklist is available at

<http://www.cphs.wayne.edu/stuaff/tDPTapplication.pdf>

Application and supportive documentation must be completed by all applicants.

Documentation includes:

- a notarized copy of your current physical therapy license from US or Canada
- a copy of your transcript with your physical therapy degree posted
- two letters of recommendation on form provided with application
- a current resume with evidence of 1 year of clinical practice

Send supplemental tDPT application materials to:  
Enrollment Services – attn. t-DPT  
Eugene Applebaum College of Pharmacy and Health Sciences  
Suite 1600  
259 Mack Ave.  
Detroit, MI 48201

**Deadlines:**

Fall Term	July 1 <sup>st</sup>
Winter term	November 1 <sup>st</sup> .
Spring/summer term	March 1 <sup>st</sup> .

**Schedule tDPT Curriculum (the schedule is subject to change)**

Fall Term

PT 8170: Professional Development and Reflective Practice  
PT 6700: Motor Learning and Control  
PT 8850: Clinical Practicum  
PT 7900: Directed Study

Winter Term

PT 8400: Diagnostic Procedures  
PT 6400: Teaching and Learning in Health Care  
PT 8850: Clinical Practicum  
PT 7900: Directed Study

Spring/Summer Term

PT 8300: Differential Diagnosis  
PT 6300: Critical Thinking and Inquiry  
PT 8850: Clinical Practicum  
PT 7900: Directed Study

**Description of Core Courses**

**PT 6300 Critical Thinking and Inquiry for Health Sciences Cr. 3**

Critical thinking and inquiry based course focusing on reading and interpretation of research literature, computer databases, case studies, and literature reviews. Critique and analysis of journal articles as well as internet research will be introduced and practiced. The use of statistics will be introduced along with application of evidence-based findings for clinical problem solving. Hypothesis testing and other decision making models will be introduced and practiced using discipline specific problems. Evidence based project appropriate(e.g. case report, systematic review of literature) for publication is required of tDPT students.

**PT 6700 Motor Learning and Control cr.3**

Current theories and concepts involved in the processes of motor skill acquisition and performance from a behavioral perspective. Major topics include the methodology of studying motor performance, information processing, sensory and central contributions to motor control, coordination, individual differences, conditions of practice, feedback, retention and transfer, and the learning process. Application to clinical practice will be emphasized. Clinical project required for tDPT students.

**PT 6400 Teaching and Learning for Health Professionals 3 credits**

Exploration of theoretical and practical issues with respect to educational methods, adult learning theories, instructional and evaluation methodologies, instructional technology and instructional management, which are pertinent to health care professions. An emphasis will be placed on adapting instruction to the learning needs of patient populations and health care providers. Clinical or community education project required for tDPT students.

**PT7900 Directed study**

This option allows the student the opportunity to develop and pursue an area of professional interest integrating the essential elements of evidence based practice. The course work will culminate in a case study or evidence based article which is suitable for publication in a peer reviewed journal. The student may choose to waive this directed study to participate in another graduate course offering at Wayne State University.

**PT 8300 Differential Diagnosis Cr. 3**

Advanced physical assessment focusing on differential diagnosis of musculoskeletal, neurological, integumentary and cardiovascular pathology. Differential diagnosis of possible pathological conditions that require referral to other members of the health team. Clinical reasoning skills and diagnostic process. Emphasis on the differential diagnostic process in physical therapy and indications for referral.

**PT 8400 Diagnostic Procedures Cr. 3**

Application and interpretation of diagnostic procedures relevant to physical therapy practice. Relevance of selected diagnostic findings to physical therapy case studies. Clinical project required for tDPT students.

**PT 8170 Professional Development and Reflective Practice Cr. 3**

Focus on issues that affect the development of physical therapy practice; exploration of characteristics of novice and expert clinicians; reflective practice in physical therapy. The students will examine the competencies of the tDPT graduate and physical therapy core values. The students will develop a professional portfolio following self assessment, reflection, goal setting and planning for future development.

**PT 8850 Clinical Practicum Cr. 3**

Mentored advanced clinical practicum with a focus on individual student interest physical therapy. Will culminate in a project to disseminate or provide evidence of advanced clinical or skills required. Focus may be on one of the following content areas:

- clinical practice
- education and learning
- administration
- research

## Elective courses

A tDPT student may request to waive up to three core courses. Each student is required to complete 24 credits in residence at Wayne State University concurrent with the completion of the tDPT. Consequently a student may need to choose elective courses to fulfill the credit requirement. The student may participate in a number of course offerings through the physical therapy program, college or university. Prior approval is required. The course must be included in the student's plan of work and must be above 5000 level. The following are just a few examples. Your faculty advisor will help guide you in finding a course that will meet your education and professional goals.

There is potential for a number of elective courses through the PT Program, College and University. Many of these courses are presently being offered on campus and would require some flexibility of student scheduling. Examples of courses through the Health Care Sciences Department include but are not limited to:

- PT 6310 Physiology of Exercise II
- PT 6500 Pharmacology
- PT 6600 Ethics and Legal Issues
- PT 7990 Therapeutic Exercise II
- OT 7120 Assistive Technology
- OT 7200 Administration and Entrepreneurship

The university offers a number of courses that may be of interest to the physical therapist. Some of these classes are WEB classes and are listed in the schedule of classes as a WEB class. To check availability of classes for a specific term please see Schedule of Classes at:

[http://www.classschedule.wayne.edu/course\\_web/schedule/index.cfm](http://www.classschedule.wayne.edu/course_web/schedule/index.cfm)

## Examples of courses through the university include but are not limited to:

DEPT	#	TITLE	Cr
ANT	5400	Anthropology of Health and Illness	3
ANT	5410	Anthropology of Age	3
ANT	6450	Culture, Health Policy and AIDS	3
ANT	6700	Topics in Medical Anthropology	3
ANT	7430	End of Life Issues	4
ANT	7680	Medical Anthropology I	3
ANT/NUR	7745	Immigration and Health	3
AUD	8430	Equilibrium/Vestibular System Evaluation	4
BME/ OT	6500/ 6620	Enabling Technology	3-4
BME	5210	Musculoskeletal Biomechanics	4
BME	5250	Spine and Hip fractures in the Elderly	2
BME	7610	Pathophysiology of Pain	3
BME	5670	Experimental Methods in Physiology for Biomedical Engineers (EMG, ECG, EEG, Galvanic skin responses)	2
BME	7250	BME 7250 Engineering Gerontology	4
B A	6010	Markets & Marketing	2-4
CM	6010	Biostatistics I	4
CM	7010	Introduction to Public Health	1

CM	7100	Health Care Organization and Administration	3
CM	7210	Research Models for Health Professions	4
CM	7300	Health Care Policy	3
CM	7370	Health, Disease and Aging	3
CM	7380	Gerontological Health Care	3
CM	7415	Principles of Health Care Management	3
CM	7430	Assessing Clinical performance	3
CM	7760	Community Health Education	3
CM	7860	Occupational Medicine (OEH 7860)	4
EER	7610	Evaluation & Measurement	2-3
EER	7630	Fundamentals of Statistics	3
EER	7650	Computer Use in Research	3
I T	6110	Foundations of Instructional Design	4
EDP	7490	Psychological Evaluation 1	3
NUR	7555	Pharmacotherapeutics: Advanced Practice	3
NFS	5250	Nutrition and Disease	4
NFS	6270	Eating Behavior and Body Weight Regulation	3
OEH	7860	Occupational Medicine	4
OT	7070	Outcomes Research: Evidence-Based Practice	3
OT	7120	Topics: Assistive Technology	3
PSY	5050	Physiological Psychology	3
PSY	5710	Dispute Resolution	3
S W	6700	Disabilities: Urban Society	3
S W	7720	Introduction to Social Welfare in the United States	3
SOC	5570	Race Relations in Urban Society	3
SOC	7100	Women and Health	4