

## Program Overview

The Department of Physical Therapy offers a graduate degree in physical therapy: Doctor of Physical Therapy (D.P.T.). The program admits 40 students per year into a cohort based program. The D.P.T. is a 9-semester, 3-year, full-time graduate program. The program is accredited by the Commission on Accreditation of Physical Therapy Education. Graduates are eligible to take the licensure examination upon completion of the degree.

Physical therapy is defined as the care and services provided by or under the direction and supervision of a physical therapist. Physical therapists provide services to patients/clients who have impairments, functional limitations, disabilities, or changes in physical function and health status resulting from injury, disease, or other causes. They interact and practice in collaboration with a variety of professionals – physicians, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists, audiologists, and other personnel involved with the patient/client. Physical therapists provide prevention and promote health, wellness, and fitness. In addition they provide consultative services to health facilities, colleagues, business and community organizations, and agencies. Physical therapists provide health care to their patients/clients in a wide variety of settings, including but not limited to, physical therapy office practices, hospitals, rehabilitation facilities, homes, long term care settings, schools, industrial settings, and athletic/fitness centers.

Physical therapist education is built on the knowledge and skills characteristically attributed to completion of a baccalaureate degree – general education that provides students with broad exposure to the humanities, arts, basic science, and social science; requirements that provide students with the opportunity to delve into a discipline at some depth; and electives that provide students with the opportunity to explore other interests. Additionally, admission to physical therapist education programs typically requires students to have completed a set of prerequisite courses in biology, chemistry, physics, statistics, psychology, and human anatomy and physiology.

## Program Standards

Students enrolled in the physical therapy curriculum must maintain high scholastic standards and develop skills necessary to work effectively as a physical therapist with people with diverse needs. Students are expected to demonstrate emotional, mental, and physical fitness in their interactions with others, use skills and techniques that are generally accepted by the professional community and conform to the Code of Ethics of the American Physical Therapy Association and the laws of the State of Texas. A student's acceptance into the program does not guarantee that student's fitness to remain in the program. The faculty is responsible for assuring that only those students who continue to meet academic and professional behavior standards are allowed to continue in the program.

## Evaluating Student's Professional Behavior

Members of the faculty, using their professional judgment, evaluate student's professional behavior continuously. Students receive information and counseling related to their professional behavior performance from faculty members, their advisors, and their clinical education supervisors. The criteria used by the faculty to make such judgments include instructors' observations of course performance, evaluation of student's performance in simulated practice situations, supervisors' evaluations of student's performance in clinical situations, generic abilities/professional behavior assessment, assessment of

clinical skills, and adherence to the Code of Ethics. Relevant expectations are explicit in each course syllabus. Students who are not making satisfactory progress or who are not meeting program standards will be encouraged to withdraw from the program.

In this context, the term "unsatisfactory progress in the program" refers to an academic judgment made regarding the student's professional behavior. It is a judgment that the student has failed to meet academic standards rather than a judgment made on the basis of the student's violation of valid rules of conduct. Disciplinary matters are referred to the assistant dean of students.

## Required Withdrawal from the Program

If a faculty member believes that a student is not making satisfactory progress or meeting program or university standards, they should discuss the situation with the student and the student's advisor.

The department chair, after considering the advisor's recommendations and after meeting with the student will determine whether the student will be allowed to remain in the program. The department chair need not meet with the student before making a decision if the department chair has given the student reasonable opportunity to meet and the student has either failed or refused to meet. The student will be notified of the department chair's decision in writing within ten working days of the department chair's meeting with the student.

If the student is dissatisfied with the department chair's decision, they may appeal to the dean of the College of Health Professions. However, in order for an appeal to be considered, the student must submit a written notice for an appeal to the department chair within 10 working days of receiving the department chair's decision. The dean will consider the matter based on results compiled by the department chair and notify the student of this or her decision within 10 working days of receipt of the appeal from the department chair.

## Clinical Education

All students are required to complete part-time clinical education experiences in physical therapy facilities within the Central Texas area and in the Texas State Physical Therapy Clinic. The full-time clinical experiences may be completed in facilities within or outside of the Central Texas area. The additional costs of travel during the part-time experiences, as well as the cost associated with temporary relocation during the full-time experiences, are the responsibility of the student.

## Immunization Requirements

It is the policy of the College of Health Professions that each student must provide a health report completed by a physician or licensed healthcare provider, and must take specific immunizations before the student can be placed in a clinical or internship assignment. Information on these will be provided once students are enrolled in the program.

## Background Check and Drug Screening

As a condition for placement in some professional practice sites, some students are required to have a background check and/or drug screening to meet requirements set by individual sites. Information on the background check/drug screening process will be provided by the department. Previous misdemeanor or felony convictions under various titles of the Texas Penal Code may affect eligibility for practitioner license status following graduation.

## Application Requirements

The items listed below are required for admission consideration for applicable semesters of entry during the current academic year. Submission instructions, additional details, and changes to admission requirements for semesters other than the current academic year can be found on The Graduate College's website (<http://www.gradcollege.txstate.edu>). International students should review the International Admission Documents page (<http://mycatalog.txstate.edu/graduate/admission-documents/international/>) for additional requirements.

- completed online application and additional PTCAS application
- separate PTCAS application fee
  - and either
- \$80 nonrefundable application fee
  - or
- \$115 nonrefundable application fee for applications with international credentials
- baccalaureate degree from a regionally accredited university (Non-U.S. degrees must be equivalent to a four-year U.S. Bachelor's degree. In most cases, three-year degrees are not considered. Visit our International FAQs (<https://www.gradcollege.txst.edu/international/faqs.html>) for more information.)
- official transcripts from **each institution** where course credit was granted. Transcripts issued by U.S. institutions must be submitted through PTCAS.
- minimum overall 3.0 GPA or 3.0 GPA in the last 60 hours of undergraduate course work (plus any completed graduate courses)
- minimum 3.0 GPA in all science courses (biology, chemistry, and physics)
- minimum 3.0 GPA in all prerequisite course requirements, completed by the end of spring semester prior to enrollment (<https://www.health.txst.edu/pt/admissions/admissions-requirements.html>)
- PT experience
- PT observation hours highly recommended
- official GRE (general test only) scores with competitive scores in the verbal reasoning and quantitative reasoning section (Send GRE code to 7405)
- three forms of recommendation (2 from a licensed physical therapist)
- background check
- interview (Based on a holistic application review process that considers the applicant's life experience, underrepresented status, and academic record, qualified applicants will be invited for an interview as part of the admissions process. An admission offer will be made only to applicants who participate in an interview.)

### Approved English Proficiency Exam Scores

Applicants are required to submit an approved English proficiency exam score that meets the minimum program requirements below unless they have earned a bachelor's degree or higher from a regionally accredited U.S. institution or the equivalent from a country on our exempt countries list (<http://www.gradcollege.txstate.edu/international/language.html#wave>).

- official TOEFL iBT scores required with a 78 overall
- official PTE scores required with a 52

- official IELTS (academic) scores required with a 6.5 overall and minimum individual module scores of 6.0
- official Duolingo Scores required with a 110 overall
- official TOEFL Essentials scores required with an 8.5 overall

This program does **not** offer admission if the scores above are not met.

## Degree Requirements

The Doctor of Physical Therapy (D.P.T.) degree with a major in Physical Therapy requires 99 semester credit hours.

## Course Requirements

Code	Title	Hours
<b>Required Courses</b>		
PT 7114	Professional Issues	1
PT 7116	Health Promotion and Wellness in Physical Therapy I	1
PT 7125	Clinical Decision Making I	1
PT 7135	Clinical Decision Making II	1
PT 7155	Clinical Decision Making III	1
PT 7157	Research in Physical Therapy III	1
PT 7165	Clinical Decision Making IV	1
PT 7176	Health Promotion and Wellness in Physical Therapy II	1
PT 7190	Independent Study in Physical Therapy	1
PT 7197	Research in Physical Therapy IV	1
PT 7211	Anatomy I: Structural Anatomy	2
PT 7231	Anatomy II – Spine	2
PT 7241	Anatomy III - Lower Extremity	2
PT 7251	Anatomy IV - Upper Extremity	2
PT 7263	Body Systems III – Diagnostics	2
PT 7268	Advanced Therapeutic Interventions	2
PT 7274	Current Issues in Physical Therapy	2
PT 7312	Patient Care Skills I	3
PT 7313	Body Systems I – Pathology	3
PT 7326	Neuroscience I: Functional Neuroanatomy	3
PT 7327	Research in Physical Therapy I	3
PT 7328	Examination Techniques	3
PT 7333	Body Systems II – Cardiopulmonary Systems	3
PT 7336	Neuroscience II	3
PT 7346	Neuroscience III	3
PT 7347	Research in Physical Therapy II	3
PT 7356	Neuroscience IV	3
PT 7364	Management Issues	3
PT 7428	Therapeutic Interventions	4
PT 7462	Patient Care Skills II	4
PT 7539	Musculoskeletal I – Spine	5
PT 7549	Musculoskeletal II - Lower Extremity	5
PT 7559	Musculoskeletal III - Upper Extremity	5
<b>Clinical Education Courses</b>		
PT 7130	Clinical Education Orientation	1
PT 7150	Directed Clinical Experience	1
PT 7370	Clinical Education I	3

PT 7480	Clinical Education II	4
PT 7481	Clinical Education III	4
PT 7690	Clinical Education IV	6
<b>Total Hours</b>		<b>99</b>

## Comprehensive Examination Requirement

The comprehensive exam requires that students demonstrate competency in all content areas in the physical therapy curriculum. Students are required to take the written comprehensive examination in their last academic year of the program. Students must pass the comprehensive exam in at most two attempts. If the student fails to pass the comprehensive exam in two attempts, the student will retake the comprehensive exam by scheduling according to policy. The student cannot progress in the next semester of the curriculum without passing the exam.

Students who do not successfully complete the requirements for the degree within the timelines specified will be dismissed from the program.

Doctoral level courses in Physical Therapy:

## Courses Offered

### Physical Therapy (PT)

#### PT 7114. Professional Issues.

This course serves as an introduction to the historical, current, and future issues faced by the physical therapy profession and to the need for lifelong professional development.

**1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7116. Health Promotion and Wellness in Physical Therapy I.

This course will include an in-depth investigation of the concepts of health promotion and wellness and, based on evidence, their relationship to each other and to health and wellness outcomes. The role of, theories of, and interventions for behavior change will be explored as tools to promote health and well-being.

**1 Credit Hour. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7125. Clinical Decision Making I.

This course introduces students to a systematic method of clinical decision making for patient management in physical therapist practice, including examination, evaluation, intervention, communication, and documentation in a patient-centered context. Students will consider physical, psychosocial, cultural, environmental, and ethical factors in making decisions for patient case studies including the clinical application of pain neuroscience education.

**1 Credit Hour. 0 Lecture Contact Hours. 3 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7130. Clinical Education Orientation.

This course provides an orientation to the requirements of the clinical education course sequence including patient education as well as the legal, ethical and professional requirements of physical therapy practice.

**1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7135. Clinical Decision Making II.

In this course, students apply a systematic method of clinical decision making to adult and pediatric patients with a variety of diagnoses using case studies. Students apply a systematic approach to ethical decision-making and gain insight into the physical therapist and physical therapist assistant team. This course includes application of pain science and an introduction to motor behavior.

**1 Credit Hour. 0 Lecture Contact Hours. 3 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7150. Directed Clinical Experience.

This course is a structured clinical experience in which the student will demonstrate the application of knowledge and clinical skills acquired during didactic coursework in the clinical environment. This course is completed in the Texas State Physical Therapy Clinic. This course is repeatable for credit.

**1 Credit Hour. 0 Lecture Contact Hours. 15 Lab Contact Hours.**

**Course Attribute(s):** Exclude from 3-peat Processing

**Grade Mode:** Standard Letter

#### PT 7155. Clinical Decision Making III.

This course prepares students to apply a systematic method of clinical decision making to the geriatric patient. Students will consider physical, psychosocial, cultural, environmental, and ethical factors in making decisions for geriatric patient based on case studies. The course includes application of pain science for chronic pain and discussion of patient-centered end-of-life decisions.

**1 Credit Hour. 0 Lecture Contact Hours. 3 Lab Contact Hours.**

**Grade Mode:** Standard Letter

#### PT 7157. Research in Physical Therapy III.

This course is a continuation of the DPT research sequence that culminates in a supervised project to analyze outcomes in a defined area of clinical practice. Prerequisite: PT 7327 and PT 7347 and instructor approval.

**1 Credit Hour. 1 Lecture Contact Hour. 1 Lab Contact Hour.**

**Grade Mode:** Standard Letter

#### PT 7165. Clinical Decision Making IV.

This course uses a body systems approach for students to apply previously learned knowledge and skills for differential diagnosis in the context of clinical decisions about when and how a referral to a physician or other healthcare provider is necessary. Students will identify warning signs (red flags) and urgent or life-threatening situations which require a referral to a medical specialist.

**1 Credit Hour. 0 Lecture Contact Hours. 3 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7176. Health Promotion and Wellness in Physical Therapy II.**

The role of the physical therapist in health promotion, wellness, and prevention at the community and population levels will be explored. Using the framework of a social ecological model, strategies for community assessment and prevention of disease and disability related to movement will be performed through service learning activities.

**1 Credit Hour. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7190. Independent Study in Physical Therapy.**

An in-depth independent study of a singular problem or related problem in the dynamic field of physical therapy and health care. Emphasis will be on the relevance of the problem and the value to the participant. May be repeated twice for credit.

**1 Credit Hour. 1 Lecture Contact Hour. 3 Lab Contact Hours.**

**Grade Mode:** Credit/No Credit

**PT 7197. Research in Physical Therapy IV.**

This course is a continuation of the DPT research sequence that culminates in a supervised project to analyze outcomes in a defined area of clinical practice. The course includes completion of data collection and analysis for an oral presentation and final paper. Completion of this last course is required for graduation.

**1 Credit Hour. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7211. Anatomy I: Structural Anatomy.**

This course is an introduction to the structure and function of the human body with emphasis on the skeletal, muscular, nervous, and integumentary systems. Content includes basic neurological screening and an introduction to palpation of the human body, embryology, and vasculature.

**2 Credit Hours. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7231. Anatomy II – Spine.**

Study of static and dynamic aspects of the vertebral column and skull including bony landmarks, muscular, ligamentous attachments, and blood and nerve supply will be studied through lecture, lab, dissection of human cadavers, and independent study.

**2 Credit Hours. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7241. Anatomy III - Lower Extremity.**

This course is an in-depth study of the static and dynamic aspects of the lower extremity including bony landmarks, muscular/ligamentous attachments, and blood/nerve supply. These topics will be studied through lecture, lab, dissection of human cadavers, and independent study.

**2 Credit Hours. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7251. Anatomy IV - Upper Extremity.**

Study of static and dynamic aspects of the upper extremity including bony landmarks, muscular, ligamentous attachments and blood and nerve supply studied through lecture, lab, dissection of human cadavers, and independent study.

**2 Credit Hours. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7263. Body Systems III – Diagnostics.**

This course presents pharmacology and diagnostic imaging as related to physical therapist practice. Content emphasizes expected and adverse effects of selected medications and documentation of results of medical imaging procedures.

**2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7268. Advanced Therapeutic Interventions.**

This course provides expansion of clinical reasoning and intervention skills for neuromusculoskeletal impairments. Advanced clinical cases, including pediatric, adult neurological and orthopaedic impairments, afford students the opportunity to hone manual and handling skills, utilize advanced forms of exercise and incorporate pain science in comprehensive patient treatment. Prerequisite: PT 7428 with a grade of "C" or better.

**2 Credit Hours. 1 Lecture Contact Hour. 2 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7274. Current Issues in Physical Therapy.**

Current issues that are not required by accreditation and/or that are not included in other courses are presented in this course to ensure students are prepared for success in full-time clinical education experiences.

**2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7312. Patient Care Skills I.**

This course introduces students to basic patient care skills in physical therapist practice. Topics include body mechanics, patient positioning, mobility, transfers, patient communication and instruction skills, patient rights, and documentation format.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7313. Body Systems I – Pathology.**

This course presents normal and abnormal organ system function as related to physical therapist practice with emphasis on the musculoskeletal, neuromuscular, cardiovascular/pulmonary, and integumentary systems. Content includes tissue inflammation and repair, infection, degenerative processes, and changes related to processes of aging.

**3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7326. Neuroscience I: Functional Neuroanatomy.**

This course addresses the structure and function of the central, peripheral, and autonomic nervous systems in the context of lifespan human development.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7327. Research in Physical Therapy I.**

Three-course sequence introducing the physical therapy student to research and statistical methodologies. This initial course emphasizes the application of basic principles of the scientific method for: 1) critically reviewing physical therapy literature; 2) developing research proposals; and 3) identifying the tools necessary for analysis and assessment of clinical practice patterns.

**3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7328. Examination Techniques.**

This course introduces foundational physical therapist examination and screening techniques for patients across the lifespan. Students will perform basic orthopedic, neurologic, cardiopulmonary, and integumentary exam and screening techniques, identify and correct or adapt to substitutions, and interpret results. An emphasis will be placed on anatomical structures, body mechanics, handling skills, professional communication, and positioning.

**3 Credit Hours. 1 Lecture Contact Hour. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7333. Body Systems II – Cardiopulmonary Systems.**

This course addresses the concepts of fitness, health, wellness, and normal and abnormal function of the cardiovascular, pulmonary, and metabolic systems in physical therapist practice. Content emphasizes basic principles of care in electrocardiography, exercise testing, exercise prescription, cardiac rehabilitation, and pulmonary rehabilitation.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7336. Neuroscience II.**

This course covers examination and evaluation techniques and rehabilitation interventions for individuals with neurologic diseases, disorders, and dysfunction across the lifespan. Content emphasizes motor development, motor control, motor learning, postural control, and recovery of function in the context of relevant models of practice, models of disablement, hypothesis-oriented clinical practice, and theories of motor control.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7346. Neuroscience III.**

This course continues to cover examination and evaluation techniques and rehabilitation interventions for individuals with neurologic diseases, disorders, and dysfunction across the lifespan. Content builds on topics covered in PT 7326 and PT 7336 including motor development, motor control, motor learning, postural control, and recovery of function in the context of relevant models of practice, models of disablement, hypothesis-oriented clinical practice, and theories of motor control.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7347. Research in Physical Therapy II.**

This course is part of a 3-course sequence introducing the physical therapy student to research and statistical methodologies. This second course emphasizes the proposal writing aspect of research, building on knowledge of research methods and statistics gained in PT 7327. Includes introduction to statistical software packages used for data-analysis and generating bibliographic material.

**3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7356. Neuroscience IV.**

This course covers the physical therapy management of individuals with neurologic diseases, disorders, and dysfunction affecting postural control across the lifespan. Content emphasizes the application of relevant neuroanatomy and physiology concepts to specialized populations in rehabilitation.

**3 Credit Hours. 2 Lecture Contact Hours. 3 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7364. Management Issues.**

This course is the study of basic management theories, principles, and practices as they relate to the delivery of physical therapist practice, reimbursement resources and issues, and internal and external forces that impact physical therapist practice.

**3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.**

**Grade Mode:** Standard Letter

**PT 7370. Clinical Education I.**

This course is a full-time clinical education experience in which the student will apply the theory and clinical skills acquired during previous didactic coursework in the clinical setting.

**3 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours.**

**Grade Mode:** Credit/No Credit



**PT 7428. Therapeutic Interventions.**

This course provides an introduction to therapeutic interventions and their role in preventing loss of, restoring, and improving movement. Students will learn how to identify the diseased/injured tissue and/or body system, and how to use targeted movement-related interventions (physical agents, soft tissue mobilization, therapeutic exercise) to enhance movement.

**4 Credit Hours. 2 Lecture Contact Hours. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7462. Patient Care Skills II.**

This course covers physical therapist care of medically complex patients with multi-system involvement. Content focuses on integumentary care/wound management, acute care/ICU, orthotics, and prosthetics. Complicating factors such as age, malnutrition, pain, obesity, diabetes, and other comorbidities are included.

**4 Credit Hours. 2 Lecture Contact Hours. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7480. Clinical Education II.**

This course is a full-time clinical education experience in which the student will apply the theory and clinical skills acquired during previous didactic coursework in the clinical setting.

**4 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours.**

**Grade Mode:** Credit/No Credit

**PT 7481. Clinical Education III.**

This course is a full-time clinical education experience in which the student will apply the theory and clinical skills acquired during previous didactic coursework in the clinical setting.

**4 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours.**

**Grade Mode:** Credit/No Credit

**PT 7539. Musculoskeletal I – Spine.**

Study of static and dynamic aspects of the vertebral column and skull studied through lecture, lab, literature review, and independent study. Knowledge and skill will be integrated to identify problems, prognosis, functional goals, and to develop comprehensive intervention programs related to the spine, including preventative health planning.

**5 Credit Hours. 3 Lecture Contact Hours. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7549. Musculoskeletal II - Lower Extremity.**

Study of static structural and dynamic aspects of the lower extremity. Emphasizes the effects and affects of forces on function. Clinical decision-making involving the integration of knowledge and skill to identify problems, establish goals, and develop comprehensive physical therapy programs related to the region of study.

**5 Credit Hours. 3 Lecture Contact Hours. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7559. Musculoskeletal III - Upper Extremity.**

Study of static structural and dynamic aspects of the upper extremity. Emphasizes the effects and affects of forces on function. Clinical decision-making involving the integration of knowledge and skill to identify problems, establish goals, and develop comprehensive physical therapy programs related to the region of study.

**5 Credit Hours. 3 Lecture Contact Hours. 4 Lab Contact Hours.**

**Course Attribute(s):** Lab Required

**Grade Mode:** Standard Letter

**PT 7690. Clinical Education IV.**

This course is a full-time clinical education experience in which the student will apply the theory and clinical skills acquired during previous didactic coursework in the clinical setting.

**6 Credit Hours. 0 Lecture Contact Hours. 40 Lab Contact Hours.**

**Grade Mode:** Credit/No Credit