Courses Acceptable on DPT Degree
Program in the School of Exercise and Nutritional Sciences (DPT)
Refer to Courses and Curricula and Regulations of the Division of Graduate Affairs sections of this bulletin for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

GRADUATE COURSES
DPT 710. Foundations of Physical Therapy Evaluation (3)
One lecture and six hours of laboratory.
Prerequisite: Admission to the DPT program.
Problem solving and psychomotor skills to perform general physical examination. Concepts, procedures, and techniques required to provide safe and effective patient care.

DPT 725. Clinical Anatomy I (4)
Three lectures and three hours of laboratory.
Prerequisite: Admission to the DPT program.
Applied anatomy of upper and lower extremities of the human body; joint anatomy and mechanics, anatomical structures to produce articular movement to include muscles, arterial, peripheral nervous systems, and articular and extremity movement patterns.

DPT 726. Clinical Anatomy II (4)
Three lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 725.
Axial portion of the human body; biomechanics of the spinal column to include head and neck, thorax, related viscera, and abdomino-pelvic region.

DPT 750. Pathophysiology of Physical Therapy Practice (3)
Prerequisite: Admission to the DPT program.
Diseases, disorders, and injuries to include pathological processes, specific organ system pathology, multi-system pathology.

DPT 760. Neurosciences (4)
Prerequisites: Doctor of Physical Therapy 725 and 750.
Anatomy and physiology of central nervous system; substrates and processes of movement.

DPT 780. Integumentary Therapeutics (4)
Two lectures and six hours of laboratory.
Prerequisite: Admission to the DPT program.
Anatomy, physiology, pathology, mutability of human biological tissues in the rehabilitation process.

DPT 782. Therapeutic Exercise (4)
Two lectures and six hours of laboratory.
Prerequisites: Doctor of Physical Therapy 710, 725, 750, 780, 881.
Therapeutic exercise as it applies to clinical practice of physical therapy.

DPT 786. Clinical Communication (2)
Prerequisite: Admission to the DPT program.
Professional issues affecting physical therapists. Development of engaged professionalism through the American Physical Therapy Association.

DOCTORAL COURSES
DPT 801. Clerkship (3) Cr/NC
Prerequisites: Successful completion of all coursework up to Doctor of Physical Therapy 801, Clerkship.
Cognitive, psychomotor, and affective skills of physical therapy practice in a clinical setting.

**DPT 802. Life Cycle I (2)**
Prerequisite: Doctor of Physical Therapy 801.
Normal and delayed maturation processes from conception through adulthood; nervous, cardiovascular, and musculoskeletal systems.

**DPT 803. Life Cycle II (2)**
Prerequisite: Doctor of Physical Therapy 802.
Age-related changes from young adulthood to senescence; analysis of resultant functional limitations.

**DPT 820. Musculoskeletal Therapeutics I (4)**
Two lectures and six hours of laboratory.
Prerequisite: Doctor of Physical Therapy 801.
Examination, diagnosis, and management of lower and upper extremities, and spinal musculoskeletal disorders.

**DPT 821. Musculoskeletal Therapeutics II (3)**
Two lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 820.
Clinical principles and concepts for management of orthopedic, sports, and industrial injuries.

**DPT 822. Interventions in Musculoskeletal Therapeutics (3) Cr/NC**
Two lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 821.
Analysis of interventions used to treat clients with dysfunctions of the musculoskeletal system.

**DPT 830. Cardiopulmonary Therapeutics (4)**
Three lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 801.
Electrocardiography, exercise testing, and exercise prescription for patient populations suffering from acute or chronic illness.

**DPT 835. Neurophysiological Therapeutics I (4)**
Three lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 801.
Neurological deficits in adults and children secondary to upper motor-neuron dysfunction.

**DPT 836. Neurophysiological Therapeutics II (3)**
Two lectures and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 835.
Scientific theory pertaining to composite impairments of neurologic patients, with application of motor-control theory to neurorehabilitation.

**DPT 837. Interventions in Neuromuscular Therapeutics (3)**
One lecture and six hours of laboratory.
Prerequisite: Doctor of Physical Therapy 836.
Interventions used to treat clients with dysfunctions of the neuromuscular system.

**DPT 857. Prosthetics and Orthotics (2)**
Prerequisite: Doctor of Physical Therapy 820.
Design, fabrication, and fitting of orthotic and prosthetic devices.

**DPT 868. Physical Therapy Organization and Administration (2)**
Prerequisite: Doctor of Physical Therapy 801.
Designing, equipping, and staffing a physical therapy department and office. Budget development, cost accounting, supervisory functions, evaluation techniques, methods of quality assurance.

**DPT 870. Health Care Systems (2)**
Prerequisite: Admission to the DPT program.
Business strategies and skills for private practice setting.

**DPT 872. Health Care Economics in Physical Therapy Practice (2)**
Prerequisite: Doctor of Physical Therapy 786.
Local, national, international economic, and political pressures on delivery of physical therapy services.

**DPT 875. Medical Therapeutics in Physical Therapy Practice (2)**
One lecture and three hours of laboratory.
Prerequisite: Doctor of Physical Therapy 830.
Contemporary medical interventions for physical therapy practice.

**DPT 878. Psychosocial Aspects of Rehabilitation (2)**
Prerequisite: Doctor of Physical Therapy 786.
Adjustment to physical disability and terminal illness; ethical decision-making.

**DPT 880. Differential Diagnosis in Physical Therapy (3)**
Prerequisites: Doctor of Physical Therapy 710, 725, 750.
Musculoskeletal conditions, medical pathological problems, and/or co-morbidities affecting clinical decision-making.

**DPT 881. Seminar in Evidence-Based Practice I (2) Cr/NC**
Prerequisite: Admission to the DPT program.
Preparation as a consumer of the professional literature in physical therapy.

**DPT 882. Seminar in Evidence-Based Practice II (2) Cr/NC**
Prerequisite: Doctor of Physical Therapy 881.
Use of evidence in current physical therapy practice.

**DPT 883. Seminar in Normal Human Gait (1) Cr/NC**
Prerequisite: Doctor of Physical Therapy 725.
Normal gait and skills necessary to evaluate pathological gait.

**DPT 884. Seminar in Abnormal Human Gait (2) Cr/NC**
Prerequisite: Admission to the DPT program.
Gait analyses and gait-related physical therapy examination and intervention planning with a variety of patient populations.

**DPT 885. Seminar in Case Presentations (3)**
Prerequisite: Doctor of Physical Therapy 801.
Patient case and analysis of evidence from clinical interactions between student and client.

**DPT 887. Seminar in Professional Development (3) Cr/NC**
Prerequisite: Admission to the DPT program.
Professional physical therapy at individual and societal levels.

**DPT 889. Doctoral Project (4-4) Cr/NC**
Prerequisites: Admission to the DPT program and completion of all prior DPT coursework.
Final paper or project on an in-depth clinical or research problem related to the physical therapy profession, presented to a professional audience.

**DPT 895. Clinical Internship (10-10) Cr/NC**
Prerequisite: Successful completion of all DPT coursework. Clinical internship in physical therapy.