

TERM 1 Spring	PTED	CR	TERM 2 Summer	PTED	CR	TERM 3 Fall	PTED	CR
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TOTAL 16 TOTAL 14 TOTAL 14

TERM 4 Spring	PTED	CR	TERM 5 Summer	PTED	CR	TERM 6 Fall	PTED	CR
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1st 8 Weeks
2nd 8 Weeks

TOTAL 15 TOTAL 12 TOTAL 15

TERM 7 Spring	PTED	CR	TERM 8 Summer	PTED	CR	YEAR
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1st 8 Weeks 1st 8 Weeks

2nd 8 Weeks

Full 16 Weeks

Total Credit Hours



SEMESTER 1

PTED 61000- Human Anatomy 1 (2)

This course provides a comprehensive regional

on the musculoskeletal system, blood vessels, and nervous system of the lower extremities. This course also emphasizes the structural-functional relationships in the lower extremity including genetics, histology, and the cardiovascular, pulmonary, integumentary, and lymphatic systems. The course features lectures complemented by laboratory sessions using 3D anatomy software, mixed reality, and synthetic anatomical models.

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The lab component utilizes a blend of dry models, virtual 3D simulations, and mixed reality to delve into the anatomy of the lower extremities, emphasizing the musculoskeletal system, blood vessels, and nervous system. Through detailed anatomical studies, students will gain a profound understanding of how structure complements function, enriched by insights into genetics, histology, and various body systems including cardiovascular, pulmonary, integumentary, and lymphatic.

PTED 61100- Human Physiology (3)

This course delves into the basic physiological principles necessary for understanding the function

SEMESTER 2

PTED 62000- Human Anatomy 2 (2)

This course provides a comprehensive regional

the musculoskeletal system, blood vessels, and nervous system of the head, neck, upper extremities, and trunk. This course also emphasizes the structural-functional relationships in the head, neck, upper extremities, and trunk including the abdomino-pelvic cavity. The course features lectures complemented by laboratory sessions with 3D anatomy software, mixed reality, and synthetic anatomical models.

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The laboratory sessions of this course enrich students' understanding of gross human anatomy, focusing on the musculoskeletal system, blood vessels, and nervous system of the head, neck, upper extremities, and trunk, through the use of 3D anatomy software, mixed reality experiences, and synthetic anatomical models. These interactive lab experiences are designed to highlight the intricate structural-functional relationships within these regions, including detailed exploration of the abdomino-pelvic cavity.

PTED 62100- Musculoskeletal system of the human body (e struc)-191 (em, mod v)15 (ed15 (a)hip

SEMESTER 3

PTED 63000- Pharmacology (2)

This course introduces the physiologic and metabolic responses of the human body to commonly used medications. Course content has been organized to provide a theoretical knowledge base that can be used as a framework for understanding the effects of various medications on a variety of normal and pathologic conditions. The focus of the course includes concepts, principles, and applications of pharmacotherapeutics in

SEMESTER 4

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This course offers an in-depth exploration of wellness within the context of physical therapy, highlighting the importance of health promotion at the individual, community, and societal levels. It incorporates a comprehensive understanding of the social determinants of health, examining how socioeconomic

PTED 64700- Cardiovascular & Pulmonary Physical Therapy (2)

This course provides theoretical and practical instruction for the examination, assessment, and therapeutic intervention strategies within the patient/

of Functioning, Disability, and Health (ICF) models for patients with cardiovascular and pulmonary disorders. Students will learn to create a physical therapy plan of care for selected cardiovascular and pulmonary dysfunctions using clinical reasoning based on diagnostic, ECG, pharmacologic, and clinical laboratory data.

PTED 64701- Cardiovascular &

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The laboratory sessions of this course equip students with hands-on experience in the examination, assessment, and development of therapeutic interventions for cardiovascular and pulmonary disorders within the patient/client management

Disability, and Health (ICF) frameworks. Utilizing scenarios, students will apply clinical reasoning to design comprehensive physical therapy care plans, incorporating diagnostic, ECG, pharmacological,

cardiovascular and pulmonary dysfunctions.

PTED 64900- Evidence-Informed Practice 2 (2)

This course equips students with advanced skills in applying the best available research evidence to clinical practice in physical therapy. It places a strong emphasis on the critical appraisal of research quality and delves

students' ability to integrate evidence-based principles seamlessly into their clinical reasoning and practice.

SEMESTER 5

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This course offers students a unique blend of community and clinical experiences, designed to enhance practical learning in diverse settings, including community environments and a pro bono clinic. Throughout the semester, students will participate in clinical or community-based educational experiences. These experiences will be supervised by faculty who provide opportunities for students to deepen their knowledge and skills in physical therapy. A key aspect of the course is the emphasis on applying theoretical knowledge in real-world settings, promoting a comprehensive understanding of physical therapy practice while providing service in the community.

readiness to advance in the DPT program.

PTED 65100- Interprofessional 2

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This course aims to provide students with the essential skills and knowledge necessary for successful collaboration within diverse healthcare environments. Highlighting the critical role of interprofessional

teamwork, it delves into the distinct roles, responsibilities, and contributions of various healthcare professionals. Through interactive learning experiences, students will gain insights into the workings of

on patient/client care outcomes. This course is designed to prepare future physical therapists to become vital contributors to interprofessional teams, offering comprehensive, patient-centered care that enhances the quality of healthcare outcomes.

PTED 65200- Pediatric Physical Therapy (2)

This course is designed to sharpen clinical reasoning and decision-making skills within the framework of the Patient/Client Management and International

abnormalities and pathologies that occur in infancy, childhood, and adolescence commonly seen in physical therapy practice. Through detailed study and practical application, students will learn to effectively assess and manage a wide range of pediatric conditions, preparing them to deliver targeted, compassionate care to this unique patient population and their caregivers.

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In the laboratory component of this course, students engage in detailed study and hands-on application to hone their clinical reasoning and decision-making skills for managing congenital abnormalities and pathologies in infancy, childhood, and adolescence, as commonly encountered in physical therapy. This practical experience, framed within the Patient/

of Functioning, Disability, and Health (ICF) models, prepares students to assess and manage a broad spectrum of pediatric conditions, equipping them to provide specialized, empathetic care to young patients and their caregivers.

PTED 65300- Differential Diagnosis (1)

This course equips students with the critical skills necessary to accurately identify and differentiate between various clinical conditions that are commonly seen in physical therapy practice. Emphasizing a comprehensive, evidence-based approach, the course covers the processes of clinical reasoning and the application of diagnostic decision-making strategies. Students will explore the principles of screening for medical conditions, recognizing when to refer patients to other healthcare professionals, and determining the most appropriate physical therapy interventions. This course is designed to prepare physical therapists to act as autonomous practitioners, capable of making informed decisions in complex clinical scenarios to ensure optimal patient care and safety.

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The laboratory component of this course provides students with hands-on opportunities to practice identifying and differentiating clinical conditions frequently encountered in physical therapy. Through exercises emphasizing evidence-based clinical reasoning and diagnostic decision-making, students will learn to effectively screen for medical conditions, recognize when referrals are necessary, and select suitable physical therapy interventions.

PTED 65500- Medically Complex Patient Management (2)

This course covers physical therapy management for medically complex patients in acute, subacute, and post-acute care settings within the patient/

management tailored to the older adult population. Through practical application, students will learn to develop comprehensive treatment plans that encompass assessment, education, and therapeutic interventions, while also engaging in interdisciplinary team care and advocacy. This lab experience emphasizes the importance of understanding the unique physical, psychological, and emotional aspects of aging, including addressing barriers to quality longevity and integrating wellness and nutrition strategies tailored to older adults.

PTED 66500- Integrated Patient Management (1)

This course is designed to synthesize and apply all previous coursework to simulated clinical scenarios, encompassing acute, subacute, and chronic cases. It emphasizes contemporary physical therapy practices, focusing on critical patient/client management decisions. Students will be challenged to analyze

