

# Podiatric Orthopedics (PDOR)

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Course information contained within the Bulletin is accurate at the time of publication in August 2023 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

## **PDOR P140. Intro to Biomechanics. 3 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P142. Physical Medicine and Rehabilitation. 2 Credit Hours.**

The course in Physical Medicine and Rehabilitation describes the use of various physical therapeutic modalities in the treatment of podiatric medical patients. Patient evaluation, treatment plan development and proper progress reporting will be emphasized. Provide the student with an understanding of the role of physical medicine and rehabilitation and the profession of physical therapy in the treatment of the podiatric patient. Provide the student with knowledge of all physical modalities and procedures used in the treatment of disorders of the foot and ankle (emphasis will be placed on the most commonly used treatments with only brief mention of other related modalities). Students will understand the purpose and use of the modalities and procedures presented and be able to properly prescribe and administer them in the treatment of foot, ankle, and related disorders. Students will understand both indications and contraindications for each modality and procedure presented. Students will know the elements of a complete therapeutic treatment plan and be able to record patient progress including evaluation, progress notes, goal setting with rationale and discharge. SOAP format, short and long term goal setting and functional outcome reporting will be discussed.

**Class Restrictions:** Must be enrolled in one of the following Classes: First Year Podiatry.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Podiatric Medicine.

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P240. Pathomechanics. 2 Credit Hours.**

The course reviews the single plane osseous deformities of the lower extremity and their effect on normal foot function. It also establishes all the normal criteria for foot function and the structures involved and how to alter abnormal foot function. Gait analysis including phasic activity of muscle is completely reviewed.

**Class Restrictions:** Must be enrolled in one of the following Classes: Second Year Podiatry.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Podiatric Medicine.

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P241. Casting. 1 Credit Hour.**

Actual casting is demonstrated to the student for pathological traumatic conditions of the lower extremity. Students participate in the casting which provides a basic insight in the handling and application of casting.

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P242. Physical Med & Rehab. 2 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P243. Clinic Foot Orthopedics. 1.8 Credit Hour.**

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P244. Biomechanics Workshop. 0 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

## **PDOR P247. General Orthopedics. 2 Credit Hours.**

This course will provide a general overview of orthopedics above the ankle. Orthopedic pathologies including their clinical presentation, differential diagnosis, conservative and surgical management will be discussed. One lab session will be included covering physical examination of the knee, hip and lumbar spine.

**Class Restrictions:** Must be enrolled in one of the following Classes: Second Year Podiatry.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Podiatric Medicine.

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P248. Sports Medicine. 2 Credit Hours.**

This course is concerned with the specific areas of sports and athletics and the relationship of lower extremity mechanics and function on those activities. It also concerns itself with injury in sports - mechanisms, types of injuries, treatment, and prevention. Students will learn: To explore the scope of sports practice, the ethics of the doctor-athlete relationship, and the legal liabilities of the sports physician; To identify, diagnose and treat common injuries of the foot, ankle and leg encountered in everyday practice; To understand the biomechanics of sports injuries and the use of treadmill and video analysis to examine and interpret the cause of injury in gait; To gain insight into athletic footwear and footwear prescription, and the use of foot orthoses in the treatment and prevention of sports injury; To understand the impact of nutrition and health lifestyles on the adolescent, adult, and geriatric athlete and to identify and screen psychophysiological aberrations such as eating disorders, substance abuse, "little league syndrome", and obsessive behaviors.

**Class Restrictions:** Must be enrolled in one of the following Classes: Second Year Podiatry.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Podiatric Medicine.

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P340. General Orthopedics. 2 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P341. Clrkshp Gen Orthopedics. 4.5 Credit Hours.**

Clinical Clerkship.

**Repeatability:** This course may be repeated for additional credit.

**PDOR P342. Pediatric Foot Orthopedics. 1.8 Credit Hour.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P343. Sports Medicine. 2 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P344. Orthotics & Prosthetics. 2.5 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P346. Traumatology. 1.75 Credit Hour.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P372. Summer Orthopedics Clin. 1 Credit Hour.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P382. Orthopedics Clinic. 10 Credit Hours.**

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P391. Casting. 1 Credit Hour.**

Actual casting is demonstrated to the student for pathological traumatic conditions of the lower extremity. Students participate in the casting which provides a basic insight in the handling and application of casting.

**Repeatability:** This course may not be repeated for additional credits.

**PDOR P410. Clerkship General Orthopedics. 4.5 Credit Hours.**

Podiatric medical students are responsible to the rotation intern, orthopedic resident(s), and the clinical orthopedic faculty for that particular orthopedic service. Podiatric medical students will be paired with a medical student for the duration of the rotation. This program is designed to have podiatric medical students become familiar with and experience orthopedic pathology to include diseases, fractures, soft tissue injuries, tumors, infections, neurological conditions, sports medicine injuries, etc.

**Repeatability:** This course may be repeated for additional credit.

**PDOR P472. Summer Orthopedics Clin. 1.6 Credit Hour.**

**Repeatability:** This course may not be repeated for additional credits.