PODIATRIC MEDICINE (PMD)

PMD 80113  MEDICAL ETHICS  1 Credit Hour
The focus of the medical ethics curriculum is to provide a foundation in
ethical analysis, augment knowledge of contemporary bioethics issues,
and offer experience applying ethical reasoning to clinical cases. The
goal of this course is to promote discussion of the ethical responsibilities
of a doctor to their patients.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PMD 80114  PRINCIPLES OF MEDICAL RESEARCH  1 Credit Hour
It is important for a podiatric physician to have developed the ability to
read and interpret the medical literature. This requires a fundamental
understanding of biostatistics, epidemiology, and research design. This
course provides a framework for the development of an evidence-based
methodology to patient care.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PMD 80117  PODIATRY, PROFESSIONALISM AND SOCIETY I  1 Credit Hour
This introductory course is the first in a series that spans all four years
of the DPM program. The subject matter is functionally relevant but
nontraditional in nature with respect to classic medical education. Topics
cover a wide range of subjects that podiatric medical students encounter
in their academic and professional careers. Students will participate in
discussions and projects on ethics, socio-behavior, and practice related
topics such as professionalism, communication, and time and financial
management. Other topics related to the National Board Examinations,
personal health, and the changing healthcare system will also be covered.
Ultimately students will develop a more unique level understanding and
appreciation of the above referenced themes as they advance their
learning. An emphasis on the first year of podiatric medical school is the
focus of this course.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PMD 80132  LOW EXTREMIT Y ASSESSMENT AND DIAGNOSIS  2 Credit Hours
A comprehensive approach to physical examination, which combines
the patient’s symptoms and the physical signs to arrive at a diagnosis
disease. It is accomplished by training students in the methods of
history taking and physical examination. The course focuses on lower
extremity examination. The traditional processes of inspection, palpation,
percussion and auscultation are emphasized.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PMD 80133  INTRODUCTION MEDICAL IMAGING  1 Credit Hour
Podiatric physicians are fully licensed to order, perform and interpret
radiologic studies of the foot and ankle. As operators of ionizing x-ray
equipment, all practitioners must undergo basic training in x-ray physics,
image control and quality assurance, safety and patient positioning.
These four building blocks comprise the foundation of this course in
fundamentals.
Prerequisite: student must be enrolled in the Podiatric Medicine program.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PMD 80211  PODIATRIC MEDICINE I  2 Credit Hours
This is a core course designed to present the 2nd year student with
the full spectrum of pathology, which he or she will encounter during
his or her clinical training and later in private practice. Topics include
infectious disease, wound care, rheumatology, vascular medicine, and
the diabetic foot. The student will be instructed in the evaluation of
foot and ankle pathology including signs, symptoms, and differential
diagnosis. Laboratory and radiographic evaluation will be discussed
when appropriate. The student will also be instructed in the treatment
alternatives available in each case.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

PMD 80214  RADIOL OGY AND MEDICAL IMAGING I  2 Credit Hours
This course encompasses the fundamentals of modern musculoskeletal
imaging, with particular emphasis on the foot and ankle. The course
begins with basic principles of plain film radiographic imaging, an
approach that emphasizes the correlation of abnormal findings with basis
pathologic differential consideration. Lectures will then introduce the
student to pedal biomechanical radiography before moving to cover the
imaging topics such as the pedal arthropathies, infection and the diabetic
foot. The semester will end with a detailed presentation of the diabetic
neuro-osteoarthropathy (Charcot arthropathy).
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

PMD 80221  PODIATRIC MEDICINE II  2 Credit Hours
This is a core course designed to present the 2nd year student with
the full spectrum of pathology, which he or she will encounter during
his or her clinical training and later in private practice. Topics include
infectious disease, wound care, peripheral neuropathy, vascular medicine,
and the diabetic foot. The student will be instructed in the evaluation of
foot and ankle pathology including signs, symptoms, and differential
diagnosis. Laboratory and radiographic evaluation will be discussed
when appropriate. The student will also be instructed in the treatment
alternatives available in each case.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
PMD 80222  PODIATRIC MEDICAL SKILLS  2 Credit Hours
Podiatric Medical Skills is a practical course, which includes strapping and padding, instrument dexterity, local anesthetic injection, nail avulsion technique, blood glucose finger stick, handheld Doppler exam, fitting for diabetic shoes, arthrometric examination and casting for orthoses. Students are taught the indications and proper application of adhesive bandages and splints for the prevention of injury, control of foot function and treatment of injuries to the foot and lower extremity. Padding is the treatment of foot pathology by redistribution of weight, stress and friction. Students are taught how to relieve acute and chronic pathologies of the foot through the use of various padding materials, or prefabricated pads. Students also gain an understanding of the theory of pad placement. Students are taught the proper techniques for performing toenail avulsions, blood glucose finger sticks, and using the handheld Doppler. Students are taught the proper methods of fitting for diabetic shoes, performing a foot and ankle arthrometric examination and casting methods for foot orthoses.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

PMD 80224  RADIOLOGY AND MEDICAL IMAGING II  2 Credit Hours
The Spring semester course will continue to the topic of imaging complex diabetic foot problems, focusing on non-invasive imaging modalities as potential problem solvers. The first of these will be radionuclide imaging modalities, which will be covered in detail. From the diabetic foot, the course will then logically continue onto defining and then detailing the classic metabolic bone disorders. The course will then delve into the basics of MR and CT sectional imaging. The course will then formally cover applications to common pedal problems such as infection, trauma, and bone and soft tissue tumors. The course will then conclude with an introduction to diagnostic musculoskeletal ultrasound.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

PMD 80396  INDEPENDENT STUDY  5 Credit Hours
Independent study in Podiatric Medicine.
Prerequisite: enrolled in the College of Podiatric Medicine.
Schedule Type: Individual Investigation
Contact Hours: 5 other
Grade Mode: Satisfactory/Unsatisfactory