

## *Bachelor of Science/Doctorate of Podiatric Medicine* **Biology or Health Sciences**

### **INFORMATION**

Podiatry is the field of healthcare specifically dedicated to the disorders, diseases, and injuries of the foot, ankle, and sometimes knee, leg and hip. Sometimes called foot doctors, foot and ankle surgeons, or podiatric surgeons, podiatrists prescribe drugs, recommend physical therapy, set fractures and even participate in surgical interventions of the lower extremities. Podiatrists use x-rays and laboratory tests, and also employ the use of orthotics, casts and strappings, and custom-made shoes to both diagnose and treat patients.

### **CAREER OPPORTUNITIES**

In order to practice, podiatrists must have a Doctor of Podiatric Medicine (D.P.M.) from a college of podiatric medicine. Podiatrists must also pass written and oral board examinations and must obtain a state license. Podiatrists can be found in private practice, hospitals and clinic settings or may become healthcare administrators. Common specialties include surgery, orthopedics, primary care, or public health, but can also include sports medicine, pediatrics, dermatology, radiology, geriatrics, or diabetic foot care.

### **PROGRAMS**

Cleveland State University offers students two tracks leading to the **Bachelor of Science/Doctorate of Podiatric Medicine**. Both Bachelor of Science/Doctorate of Podiatric Medicine tracks are made available through coursework at Cleveland State University and the Ohio College of Podiatric Medicine (OCPM). Students choose to major in either Biology or Health Sciences, and

complete three years of specified coursework at Cleveland State in preparation for admission to OCPM. After the third year of pre-professional study at Cleveland State, students apply to the OCPM. Those accepted into the Doctor of Podiatric Medicine program complete an additional four years of study at the professional and clinical level.

Founded in 1916, the OCPM has graduated over 5,000 students. It is situated on a 4.5 acre site which provides state-of-the-art facilities for quality education, research and patient care. In addition, the Cleveland Foot and Ankle Clinic and local satellite clinics, all operated by the College, provide a solid base for clinical education while providing excellent podiatric care to the community.

The College utilizes the following affiliated hospitals as part of its educational program: Huron Road Hospital, Richmond Heights General Hospital, Youngstown Osteopathic Hospital, Hillcrest Hospital, the Veteran Affairs Medical Center and Suburban Community Hospital. In addition to these institutions, 45 hospitals and more than 300 private practitioners nationwide provide externship training to OCPM students.

**Bachelor of Science in Biology/Doctorate of Podiatric Medicine:** allows a Biology major to take three years of pre-podiatric classes at Cleveland State. Particular courses taken at OCPM during the first year of study will transfer back to Cleveland State and apply toward the completion of the Bachelor of Science degree in Biology from Cleveland

State. With successful completion of the program, a student will receive a four-year Bachelor of Science degree from Cleveland State University and a Doctor of Podiatric Medicine from OCPM.

**Bachelor of Science in Health Sciences/Doctorate in Podiatric Medicine:** provides pre-professional coursework to Health Sciences majors. Upon completion of required course work during their first year of study at OCPM, students may apply for a Bachelor of Science in Health Sciences.

As with any academic program, students are also offered the opportunity to get involved outside of the classroom through **co-op and internship** opportunities in conjunction with Career Services, as well as **student organizations**. Many of the pre-podiatry courses are offered in the **evenings**. All students receive individual **advising**.

**For more information, contact:  
College of Science**

Department of Biological, Geological  
and Environmental Sciences  
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E-mail: [bges@csuohio.edu](mailto:bges@csuohio.edu)  
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<http://www.csuohio.edu/sciences/dept/biology/index.html>

**OR**

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Cleveland, OH 44115-2214  
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# ***Bachelor of Science/Doctorate of Podiatric Medicine***

## **Biology or Health Sciences**

**Requirements of the College of Science:** A minimum of 128 credit hours is required for a Bachelor of Science (B.S.) degree, of which 42 semester credit hours must be earned in 300 and/or 400 level courses. Specifics concerning these and other requirements are given in the Undergraduate Catalog, College of Science section.

**General Education Requirements:** All degree-seeking students are required to meet general education requirements. Students are responsible for ensuring that courses chosen satisfy these requirements and are encouraged to consult with their academic advisor. A comprehensive description of the requirements is available online at <http://www.csuohio.edu/academic/gened>.

### **Bachelor of Science in Biology Option:**

*Pre-professional Course Requirements to be taken at Cleveland State University:*

BIO 200/201 Introductory Biology I and Lab (4)	CHM 331/336 Organic Chemistry I and Lab (6)
BIO 202/203 Introductory Biology II and Lab (4)	CHM 332/337 (or 338) Organic Chemistry II and Lab (6)
BIO 302/303 Animal Biology and Lab (4)	MTH 181 Calculus I (4) <b>OR</b> 147 Statistical Concepts (4)
BIO 308/309 Cell Biology and Lab (4)	MTH 182 Calculus II (4) <b>OR</b> 347 Applied Statistics (4)
BIO 310/311 Genetics and Recitation (4)	PHY 221 College Physics I (5)
BIO 495 Biology Seminar (1)	PHY 222 College Physics II (5)
CHM 261/266 General Chemistry I and Lab (5)	English (minimum 6 credit hours)
CHM 262/267 (or 262H/267H) General Chemistry II and Lab (5)	Gen Ed Courses – as required

*Professional Courses at OCPM (can be used to complete B.S. requirements):*

*OCPM first year courses*

BSC 111 Gross Anatomy	BSC 125 Neurobiology
BSC 112 Histology	BSC 126 Physiology
BSC 113 Biochemistry	BSC 127 Basic Microbiology and Immunology

*OCPM second year courses (will be accepted if needed)*

BSC 216 Microbiology and Infectious Diseases	BSC 228 Pathology
BSC 218 Pathology	BSC 229 Pharmacology and Therapeutics
BSC 219 Pharmacology and Therapeutics	

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### **Bachelor of Science in Health Sciences Option:**

*Pre-professional Course Requirements to be taken at Cleveland State University:*

BIO 200/201 Introductory Biology I and Lab (4)	CHM 332/337 (or 338) Organic Chemistry II and Lab (6)
BIO 202/203 Introductory Biology II and Lab (4)	PHY 221 College Physics I (5)
CHM 261/266 General Chemistry I and Lab (5)	PHY 222 College Physics II (5)
CHM 262/267 (or 262H/267H) General Chemistry II and Lab (5)	English (minimum 6 credit hours)
CHM 331/336 Organic Chemistry I and Lab (6)	Gen Ed Courses – as required

*Professional Courses at OCPM (can be used to complete B.S. requirements):*

*OCPM first year courses (Department of Health Sciences will accept 34-36 credits)*

BSC 111 Gross Anatomy	BSC 124 Lower Extremity Anatomy
BSC 112 Histology	BSC 125 Neurobiology
BSC 113 Biochemistry	BSC 126 Physiology
PMD 111 Podiatric Medicine I	BSC 127 Basic Microbiology and Immunology

*OCPM second year courses (Department of Health Sciences will accept if needed)*

BSC 216 Microbiology and Infectious Diseases	BSC 228 Pathology
BSC 218 Pathology	BSC 229 Pharmacology and Therapeutics
BSC 219 Pharmacology and Therapeutics	

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