

PRE-PODIATRIC MEDICINE

The Pre-Podiatry program at Wayne State College is an undergraduate educational track designed to prepare you for admission to a Doctor of Podiatric Medicine (DPM) program, which is required to become a licensed podiatrist. A podiatrist is a medical professional who specializes in the diagnosis, treatment, and prevention of conditions and injuries related to the feet, ankles, and lower extremities. Your role as a podiatrist will include diagnosing foot ailments such as ulcers, skin or nail diseases, and deformities; providing surgical and non-surgical treatment for conditions such as corns, calluses, ingrown toenails, arch problems, and bone disorders; designing orthotics, prosthetics, and casts for foot and ankle injuries. You can also practice in areas such as sports medicine to treat injured athletes, geriatric care to help aging adults, pediatrics to help children, wound and trauma surgery, and diabetic foot care.

fast facts

Recommended majors:

Life Sciences/Biology (B.A. or B.S.)
Chemistry/Health Sciences (B.A. or B.S.)

Departments: Life Sciences; Physical Sciences and Mathematics

School: Science, Health, and Criminal Justice

Suggested minors: Chemistry, Exercise Science, Injury Science, Public and Global Health, Spanish

focus on results

Skills Learned

- Critical thinking
- Scientific reasoning
- Data collection/analysis
- Scientific/clinical research interpretation
- Applied mathematics
- Applied biology and chemistry lab skills
- Molecular biology

Possible Careers

- Podiatrist
- Podiatry medical assistant
- Podiatric nurse
- Orthopedic physician
- Pediatric podiatrist
- Sports podiatrist
- Surgical technician
- Orthopedic reconstruction specialist
- Orthopedic surgeon
- Orthotics developer
- Podiatry educator

Types of Employers

- Hospitals and medical clinics
- Outpatient clinics
- Sports teams or clubs
- Surgical centers
- Private medical practices
- Orthotic companies
- Prosthesis companies
- Medical research facilities
- Non-profit organizations

outside the classroom



Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Activities/Opportunities

- Peer mentoring and tutoring
- Service-Learning
- Study Abroad

Clubs/Organizations

- Biology Club
- Exercise is Medicine on Campus (EIM-OC)
- Health Science Club

The following information is provided to guide you in the pre-professional program described on this sheet. Every effort is made to ensure this information is current, but please be aware that some content may have changed. To develop a plan for choosing a major and registering for courses, please consult the current academic catalog and your advisor.

Suggested majors for Pre-Podiatry

The following majors are recommended for students planning to attend podiatric medical school. Additional electives may be recommended. Participation in the Pre-Podiatry program at WSC does not guarantee acceptance to a school of medicine.

Life Sciences/Biology (B.A. or B.S.) — Our Biology program lays the groundwork needed for students entering medical school and provides plenty of time in our biology and research labs.

Chemistry/Health Sciences (B.A. or B.S.) — The Health Sciences major offers a solid foundation in biology and chemistry, and emphasizes how these fields relate to careers in health and medicine.

Sample courses

Students may be advised to take the following courses while pursuing one of the recommended majors. Please consult with your advisor to draft a final plan of study, and be sure to check with your intended medical school to make sure you're meeting all prerequisite course requirements.

BIO 320 Molecular Genetics.....	4
BIO 330 Histology.....	3
BIO 336 Cancer Biology.....	3
BIO 340 Human Physiology.....	4
BIO 385 Microbiology.....	4
BIO 430 Parasitology.....	3
BIO 434 Advanced Cellular Biology.....	3
BIO 443 Advanced Human Anatomy.....	3
BIO 486 Immunology.....	3
CHE 326 Biochemistry I.....	4
CHE 426 Biochemistry II.....	3
HSC 345 CPR-Healthcare Provider.....	1

department faculty



Visit www.wsc.edu/life-sciences-department to learn more about the Department of Life Sciences.

Visit www.wsc.edu/physical-sciences-mathematics-department to learn more about the Department Physical Sciences and Mathematics.

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