**focus on**

**PRE-PODIATRIC MEDICINE**

Podiatry is the medical study of feet and ankles. As a podiatrist, you'll be guiding people in the health of their feet, caring for sprained and broken ankles, aiding athletes in foot movement, or evaluating a patient's arch or toe problems. To enter professional school for podiatric medicine, you'll first need an bachelor's degree. At Wayne State, recommended programs include the biology or chemistry pre-podiatry degree tracks to receive a solid foundation in the life or physical sciences. You can get your four-year degree from WSC, and then you'll be ready to take on coursework at a professional podiatric medical school and earn your podiatry degree.

**FAST FACTS**

**Degrees offered:** This program is set up so you can receive your B.S. from WSC. Then you'll be ready for graduate work at a professional podiatry school.

**GPA required** (to enter physical therapy school): C or better

**School:** Natural and Social Sciences

**Department:** Life Sciences

**Suggested programs of study:** Biology, Chemical Sciences

**Popular minors:** Chemistry, Spanish

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**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

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**outside the classroom**

Visit [www.wsc.edu/clubs](http://www.wsc.edu/clubs) to learn more about clubs and organizations on campus.

**Activities / Opportunities**

- Conduct research projects
- Conferences and presentations
- Peer mentoring and tutoring
- Service-Learning
- Study Abroad

**Clubs / Organizations**

- Biology Club
- Health Science Club (Lambda Delta Lambda)
- Ironic Bonders (Chemistry) Club
Every effort is made to ensure this information is current, but please be aware that some content may have changed. There is no substitute for developing a careful course registration plan in consultation with your advisor. For questions about this content, please see your advisor.

The courses listed cover all the prerequisites for medical school at UNMC or Creighton University and will enable the student to earn a B.S. in biology. For the chemistry degree option, see the pre-medicine/chemistry program of study.

Participation in this pre-professional program at WSC does not guarantee acceptance to a school of medicine. Students are encouraged to take upper level science courses as electives to best prepare for medical school. All students need 40 or more credits of 300 level or above coursework and a minimum of 120 hours to graduate.

<table>
<thead>
<tr>
<th>Course Plan</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
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<th>Semester 8</th>
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<tbody>
<tr>
<td><strong>FRESHMAN - 1st semester</strong></td>
<td>BIO 110 Biology Concepts (General Studies CAT 7)</td>
<td>CHE 106 General Chemistry I</td>
<td>General Studies</td>
<td><strong>JUNIOR - 5th semester</strong></td>
<td>BIO 220 Human Anatomy</td>
<td>BIO 434 Advanced Cell Biology</td>
<td>PHY 201 General Physics I</td>
<td>PHY 321 General Physics I Lab</td>
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<td><strong>FRESHMAN - 2nd semester</strong></td>
<td>BIO 200 Zoology or BIO 210 Experimental Plant Science</td>
<td>CHE 107 General Chemistry II</td>
<td>General Studies</td>
<td><strong>JUNIOR - 6th semester</strong></td>
<td>BIO 340 Human Physiology</td>
<td>BIO 370 Intro to Research</td>
<td>PHY 202 General Physics II</td>
<td>PHY 322 General Physics II Lab</td>
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<td><strong>SOPHOMORE - 3rd semester</strong></td>
<td>BIO 320 Molecular Genetics</td>
<td>CHE 314 Organic Chemistry I</td>
<td>HIS 120 World History (General Studies CAT 10)</td>
<td><strong>SENIOR - 7th semester</strong></td>
<td>BIO 301 Biology Seminar</td>
<td>BIO 397 Biology Internship or BIO 465 Continuing Research</td>
<td>BIO 425 Evolution</td>
<td>CHE 326 Biochemistry</td>
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<td><strong>SOPHOMORE - 4th semester</strong></td>
<td>BIO 200 Zoology or BIO 210 Experimental Plant Science</td>
<td>CHE 315 Organic Chemistry II</td>
<td>MAT 180 Applied Probability and Statistics (General Studies CAT 3)</td>
<td><strong>SENIOR - 8th semester</strong></td>
<td>BIO 300 Histology</td>
<td>BIO 469 Senior Seminar or BIO 470 Research Project</td>
<td>Electives (upper level)</td>
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**pre-podiatric medicine faculty**

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