

# PRE-PODIATRY

|                                    |  |
|------------------------------------|--|
| Undergraduate Credit Required      | Bachelor's degree  |
| Entrance Exam                      | MCAT   |
| Professional Schooling Required    | 4 years - Doctor of Podiatric Medicine (DPM)   |
| Professional Schools               | Temple University and LeCOM  |
| Professional Organization Websites | American Podiatric Medical Association <a href="http://www.apma.org">www.apma.org</a><br>American Association of College of Podiatric Medicine <a href="http://www.aacpm.org">www.aacpm.org</a>  |
| Major                              | Students can major in any subject at WCU for Pre-Podiatry. The most common majors that align with podiatry school pre-requisites are Biology: Cell and Molecular Biology, Biology: Integrative Concentration, and Chemistry: Chem-Bio. |

## REQUIRED AND SUGGESTED ELECTIVES FOR WCU UNDERGRADUATE STUDENTS

The following course recommendations are general requirements for Podiatry programs. For the specific requirements of your school of choice and whether AP/IB credit is accepted, please refer to that school's admissions website or contact those schools for a list of entrance requirements.

### PODIATRY SCHOOL REQUIREMENTS

| <b>Biological Sciences with labs (8 hours)</b>                              |      |       |
|---|------|-------|
| BIO 110 General Biology I, BIO 111 General Biology II, BIO 211 Cell Biology |      |       |
| Course  | Term | Grade |
|   |      |       |
|   |      |       |
| <b>Genetics (recommended by some schools)</b>                               |      |       |
| Course  | Term | Grade |
| BIO 230   |      |       |
| <b>Microbiology (recommended by most schools)</b>                           |      |       |
| Course  | Term | Grade |
| BIO 214   |      |       |
| <b>General Chemistry with lab</b>   |      |       |
| Course  | Term | Grade |
| CHE 103 & CRL 103   |      |       |
| CHE 104 & CRL 104   |      |       |
| <b>Organic Chemistry with lab</b>   |      |       |
| Course  | Term | Grade |
| CHE 231 & CRL 231   |      |       |
| CHE 232   |      |       |
| <b>Biochemistry</b>   |      |       |
| Course  | Term | Grade |
| CHE 476   |      |       |
| <b>Anatomy and Physiology (recommended)</b>                                 |      |       |
| Course  | Term | Grade |
| BIO 259   |      |       |
| BIO 269   |      |       |

| <b>English Composition (2 courses)</b>               |      |       |
|--|------|-------|
| Course   | Term | Grade |
|  |      |       |
|  |      |       |
| <b>Calculus and Stats (required by most schools)</b> |      |       |
| Course   | Term | Grade |
| MAT 121  |      |       |
| MAT 145  |      |       |
| <b>Physics with lab (2 courses)</b>                  |      |       |
| Course   | Term | Grade |
| PHY 130 or 170                                       |      |       |
| PHY 140 or 180                                       |      |       |
| <b>Psychology and Sociology</b>                      |      |       |
| PSY 100  |      |       |
| SOC 100  |      |       |

### SUGGESTED ELECTIVES

**BIO 357. Comparative Vertebrate Anatomy**  
**BIO 428. Animal Histology**  
**BIO 431. Molecular Genetics**  
**BIO 465. Immunology**  
**BIO 468. Comparative Vertebrate Physiology**  
**BIO 469. Human Physiology**  
**CHE 477. Biochemistry 2**  
**HEA 370. Medical Terminology**

### Sample Course Plan of Pre-Podiatry Requirements

| <u>Semester 1</u>       | <u>Semester 2</u>       |
|-------------------------|-------------------------|
| CHE 103                 | CHE 104                 |
| CRL 103                 | CRL 104                 |
| BIO 110                 | BIO 111                 |
| WRT 120                 | WRT 2XX                 |
| MAT 121                 | MAT 145                 |
| <br>                    | <br>                    |
| <u>Semester 3</u>       | <u>Semester 4</u>       |
| CHE 231                 | CHE 232                 |
| CRL 231                 | PHY 140                 |
| PHY 130                 | BIO 211                 |
| BIO 210                 | General/Major Electives |
| General/Major Electives |                         |
| <br>                    | <br>                    |
| <u>Semester 5</u>       | <u>Semester 6</u>       |
| CHE 476                 | General/Major Electives |
| General/Major Electives |                         |
| <br>                    | <br>                    |
| <u>Semester 7</u>       | <u>Semester 8</u>       |
| General/Major Electives | General/Major Electives |

### Courses Covering MCAT 2015 content

|                                |         |
|--------------------------------|---------|
| BIO 110                        | CHE 476 |
| BIO 111                        | PSY 100 |
| BIO 210                        | CHE 477 |
| BIO 211                        | SOC 100 |
| BIO 259                        |         |
| BIO 440                        |         |
| BIO 468                        |         |
| BIO 469                        |         |
| CHE 103 and 104                |         |
| CHE 231 and 232                |         |
| PHY 130 and 140 or 170 and 180 |         |

Statistical reasoning skills tested on the MCAT may be obtained through science courses or through taking a statistical methods course (see front for options).

**Meet with the Pre-Medical Director to develop your MCAT preparation plan.**

## BEYOND ACADEMICS

Pre-Podiatry students are encouraged to participate in activities and experiences such as leadership roles, volunteer work, research, and shadowing, which will help them prepare for podiatry school and the podiatric profession. Activities beyond the classroom play a significant role in a student's application to a professional school program. Such experiences demonstrate a commitment and knowledge about the profession. In particular, shadowing podiatry professionals and involvement with the Pre-Med Club and Minorities in Medicine will help students learn more about the profession of podiatry.

## APPLICATION AND ADMISSION

AACPMAS is a service of the American Association of Colleges of Podiatric Medicine (AACPM). AACPMAS allows podiatric medical applicants to use a single web-based application and one set of transcripts to apply to all nine schools and colleges of podiatric medicine. <https://aacpmas.liaisoncas.com/applicant-ux/#!/login>

## ENTRANCE EXAM

The Medical College Admissions Test (MCAT) is required and scores released to AACPMAS. The MCAT is a computer-based exam that is offered on set dates throughout the year. It is recommended that you take standardize exam prior to February of entering year, however some schools will accept exam results through June of entering year. Exam results are valid up to three years prior to start of current application cycle. Recently, MCAT total scores of accepted applicants have averaged 499. Information about the exam, registration, and the Official Guide to the MCAT can be found online at <https://www.aamc.org/students/applying/mcat/mcat2015/>.

## ADDITIONAL APPLICATION INFORMATION

Applications to Podiatry school require a **personal statement** and **letters of recommendation/evaluation**. The number of required letters varies by school. For the WCU Pre-Medical program, you will need to collect a minimum of 5 letters of recommendation (at least one from a Podiatric Physician) and have them submitted to the pre-med office prior to requesting an interview from the pre-medical committee.



Director, Pre-Medical Program – Dr. Teresa Donze

WCU does not discriminate based upon any protected status.  
Please see [www.wcupa.edu/admin/social.equity/](http://www.wcupa.edu/admin/social.equity/)

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Pre-Medical Office  
Schmucker Science South 117  
West Chester, PA 19383  
610-436-2978  
[pmed@wcupa.edu](mailto:pmed@wcupa.edu)