



College of Business, Industry, Life Science, and Agriculture

Pre-Podiatry

The Profession

Podiatry is a medical discipline concerned with the prevention, diagnosis and treatment of diseases and disorders affecting the human foot and its related structures. The podiatric physician provides both medical and surgical care and may become involved in research to advance the understanding of foot care.

The Program at UW-Platteville

The pre-podiatry program at UW-Platteville is designed to meet admission requirements into a school of podiatric medicine. Educational preparation in pre-podiatry has broadened over the years and currently approximately 95% of entering students to the professional curricula have obtained a bachelor's degree. However, well-qualified applicants may be admitted after three years of undergraduate academic study (90 credits). Pre-podiatry is a preprofessional program; therefore, the student must also indicate an academic major. Most pre-podiatry students declare biology as their major.

The pre-podiatry program at UW-Platteville consists of selected courses which help to provide the student with a basic body of knowledge to meet the admissions requirements for a school of podiatry.

Podiatry School

To receive a Doctor of Podiatry, an individual must complete four years of professional education at a college of podiatric medicine, followed by a residency. The first two years of professional curricula are devoted to classroom instruction and laboratory work in the basic medical sciences. The third and fourth years concentrate on courses in clinical science and clinical experience. Following state board examinations and residency, a podiatrist is licensed to practice.

High School Preparation

In preparing to enter the pre-podiatry program, the high school student needs to acquire a strong science/mathematics background. In addition, a good background in communication and social skills is helpful.

Faculty And Facilities

The University of Wisconsin-Platteville provides the student with a strong liberal studies curriculum, a dedicated faculty and modern facilities to support the program. These include well-equipped chemistry, physics, and biology laboratories.

Placement

The University of Wisconsin-Platteville has an excellent record of placing qualified students in schools of podiatry.

Outstanding Career Opportunities

The podiatric medical profession is growing rapidly and offers unique opportunities as an important member of the health care team, including specialty training, flexible hours, teaching, and/or research options.

The demand for podiatrists is certainly on the rise, especially considering the increasing awareness and participation in physical fitness and wellness programs. Graduates of podiatric medicine can pursue careers in nearly every geographic and social environment, and the profession offers rewards in personal achievement, financial compensation, and also providing service to others.

Suggested Courses of Study

The requirements of the UW-Platteville pre-podiatry program are designed to prepare students for a School of Podiatric Medicine. Pre-podiatry students are further advised to seek information about requirements from the particular school they plan to attend.

Minimum Requirements

Academic

- 1) General Chemistry I (1140) and II (1240); Organic Chemistry I (3540/3510) and II (3630/3610)
- 2) Physics I (1140/1110) and II (1240/1210)
- 3) Unity of Life (1650), Diversity of Life (1750) and Advanced Biology course
- 4) English I (1130) and II (1230)
- 5) Courses in English literature, math, biochemistry, genetics, anatomy and physiology, comparative anatomy, microbiology, cell biology, molecular biology, embryology, histology, evolution and psychology also recommended.

Nonacademic Requirements

Each applicant should also show evidence of knowledge of and experience with the medical profession and clinical setting. This is accomplished by observation, voluntary field experience or employment in the clinical setting.

For More Information

For more information, write to the Pre-Podiatry Advisor, Department of Biology, University of Wisconsin-Platteville, 1 University Plaza, Platteville, Wisconsin 53818-3099, or call 608.342.1793 (Biology Office).

For general information on the university and its programs, consult the website at www.uwplatt.edu or contact the UWP Prospective Student Services, University of Wisconsin-Platteville, 1 University Plaza, Platteville, WI 53818-3099, or call toll-free 1.877.897.5288 or locally 608.342.1127.

Suggested Course of Study

First Year

First Semester

1650	Unity of Life	5
1140	General Chemistry	4
1130	English	3
1450	Precalculus or 2640 Calculus	4-5
1000	Fitness Assessment	1
		17-18

Second Semester

1750	Diversity of Life	5
1240	General Chemistry	4
1230	English	3
1130	General Psychology	3
	Liberal Arts Elective	3
		18

Second Year

First Semester

2140	Human Anatomy and Physiology I	4
3540	Organic Chemistry I	4
3510	Organic Chemistry I Lab	1
1830	Statistics	3
1030	Principles or Sociology	3
2420	FBI: Fund. of Biological Investigations	2
		17

Second Semester

2240	Human Anatomy and Physiology II	4
3630	Organic Chemistry II	3
3610	Organic Chemistry II Lab	1
3330	Genetics	3
	Liberal Arts Electives	3-6
		14-17

Third Year

First Semester

1140	Introductory Physics I	4
1110	Introductory Physics I Lab	1
3240	Microbiology	4
2040	Cell Biology	4
	Liberal Arts Elective	3
	Physical Activity	1
		17

Second Semester

1240	Introductory Physics II	4
1210	Introductory Physics II Lab	1
	Advanced Biology	3
	Liberal Arts Elective	6
3450	Ecology and Evolution	3
		17

Fourth Year

First Semester

	Advanced Biology	2-6
	Advanced Psychology	3
	Liberal Arts Electives	6-9
		14-18

Second Semester

	Advanced Biology	6-8
	Liberal Arts Electives	9
		15-18

In this suggested course of study, minimum requirements are supplemented with additional courses to meet graduation requirements, podiatric school recommendations and to prepare the student for the Medical College Admission Test (MCAT). The MCAT is typically taken in April of the third year, although it can be postponed to the August between the third and fourth years.

This program of study is prepared for a student majoring in Biology with a pre-podiatry emphasis. A pre-podiatry student can actually complete any major degree program while accomplishing pre-podiatry minimum requirements.

Advanced Biology options include: 3040 Comparative Anatomy of Vertebrates, 3120 Animal Tissue Culture, 3140 Vertebrate Embryology, 3530 Biotechnology, 3620 Immunology, 4040 Molecular Biology, 4130 Mammalian Endocrinology, 4240 Advanced Physiology, 4340 Mammalian Histology, 4410 Topics in Biology, 4440 Human Gross Anatomy, 4520 Biotechnology Seminar and 4920 Special Problems in Biology.

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