The Pharmacy Profession
Pharmacy is the branch of the health professions concerned with the composition of medications, dosage, preparation and tests for purity and potency, as well as proper medicinal use. The pharmacist is responsible for preparing, storing and dispensing medications.

As an expert on the action of medication on the body, the pharmacist is called upon by physician and lay public alike concerning the use of prescription and non-prescription (over-the-counter) medications. The health educator role is becoming even more significant with the development of potent new medications and innovative and more complex medication delivery systems.

Outstanding Career Opportunities
The opportunities in pharmacy are many and varied. Graduates pursue careers in community, hospital and long-term care pharmacy, the pharmaceutical industry, pharmacy education, government and social services agencies, and research.

As members of comprehensive health care teams, pharmacists find personal fulfillment and a responsible position in the community. Pharmacy also offers fertile ground for creativity and innovation in this time of change. Currently, the demand for pharmacists is very high with excellent starting salaries. Pharmacy has been listed as the most respected profession in a Gallup Poll.

Pre-Pharmacy at UW-Platteville
The pre-pharmacy program at UW-Platteville involves two years of study in a selected group of courses covering a wide variety of subject matter.

The courses provide the necessary science background as well as an understanding of people and institutions to ensure that students completing the program succeed in pharmacy school and in their practice of pharmacy. Pre-pharmacy is housed in chemistry at UW-Platteville and students register in chemistry.

Pharmacy School
Upon completing this two-year program, passing the pharmacy college admissions test and being accepted by a school of pharmacy, students typically enter a three-year program of study leading to a Doctor of Pharmacy degree. Following graduation, completion of a one-year internship and passage of the state examination, the pharmacist is licensed to practice.

Another option involves the two-year pre-pharmacy program and an additional two years leading to a degree in pharmacology and toxicology or a degree in pharmaceutical sciences. This non-licensed option is selected by students planning to do research and development in new medicinals and therapies.

Faculty and Facilities
UW-Platteville provides the student with modern facilities and dedicated faculty to support the pre-pharmacy program. This ranges from well-equipped chemistry, physics and biology laboratories to moderate size classes and strong humanities and social sciences curricula.

Placement
UW-Platteville has an excellent record of placing qualified students in pharmacy school.

Requirements
The requirements of the UW-Platteville pre-pharmacy program are designed to prepare students for UW-Madison's Pharmacy School. However, the same requirements are necessary for admission into most pharmacy schools. The pre-pharmacy advisor will also work closely with students planning to attend out-of-state pharmacy schools.

Science and Mathematics (39-41 credits)
1) General Chemistry 1140 and 1240
   Organic Chemistry 3510, 3540, 3610, and 3630
2) Physics 1110, 1140, 1210, and 1240
3) General Zoology 1450 and or 2510, 2530, 2610 and 2630.
   General Botany 1350, Vertebrate Zoology 2730 or
   Comparative Anatomy 3040 or Vertebrate Embryology
   3140 or Mammology 3230 or Genetics 3330 (preferable)
   or Ecology 3430
4) Calculus and Analytical Geometry 2640 and 2740
Humanities/Social Sciences (27 credits)
1) English Composition 1230
2) Micro-Economics 2230
3) Principles of Sociology 1030 or Introductory Anthropology 1130 or Cultural Anthropology 2130
4) General Psychology 1130 or Social Psychology 3530
5) History, 2-3 credits
6) Ethnic Studies, 3 credits
7) Humanities, 6 credits (History and/or Ethnic Studies course may also count as a Humanity.)
8) Technical Writing 3000

While not required, pre-pharmacy students typically are involved in volunteer work.

Recommended High School Courses
Student success is enhanced when students take the maximum number of courses in mathematics, biology, chemistry, physics, and English. In addition, a good background in communication and social skills is also helpful.

For More Information
For more information about the pre-pharmacy program at UW-Platteville, write the Pre-Pharmacy Advisor at the Department of Chemistry and Engineering Physics, UW-Platteville, 1 University Plaza, Platteville WI 53818-3099; or call 608.342.1651; or e-mail chemistry@uwplatt.edu or consult the web at www.uwplatt.edu/chemep/pharmacy/.

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

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