

Pharm.D. Pre-Requisite Course Requirements*

DESIGNATED COURSES AT UW COLLEGES* Rev. 6/1/09

Biology:	Zoology 101 (Animal Biology) or 237 (Vertebrate Biology) AND Biology 260 (Genetics) (preferable, but acceptable only in conjunction with Zoology 101) or Botany 130 (General Botany). A one-semester general biology survey course (e.g., Biology 109, Concepts of Biology), and anatomy, physiology, and microbiology, do not count toward this requirement.
Chemistry:	Chemistry 145-155 (General Chemistry I-II) AND either 343-352-363 (Organic Chemistry I - Organic Chemistry Lab - Organic Chemistry II), or 343-351 and 363-361 (Organic Chemistry I - Organic Chemistry Lab Part I, and Organic Chemistry II - Organic Chemistry Lab Part II)
Calculus:	Math 221 (Calculus & Analytic Geometry I), but see the <u>Important Information About Calculus link at http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm</u>
Physics:	Physics 141-142 (General Physics [2 semesters]) or 201-202 (General Physics [2 semesters])
Microbiology:	Bacteriology 101 (General Survey of Microbiology) (beginning Fall 2011)
Communication:	<i>May be fulfilled by any one of these seven means:</i> Course work: (1) English 102 (Composition II), or (2) English 201 (Intermediate Composition), or UW System English placement test score(s): (3) an ENGL score of at least 605, or (4) an ECS score of at least 706, or (5) a UWEPT score of at least 660 and a UWRCT score of at least 730, or AP score: (6) a score of at least 4 on the English: Language & Composition exam, or (7) a score of at least 4 on the English: Literature & Composition exam
Economics:	Economics 204 (Economics--Micro)
Statistics:	Statistics- most 3 credit statistics courses will satisfy (beginning Fall 2011)
Social Science:	Sociology 101 (Introduction to Sociology), or Anthropology 100 (General Anthropology) or 104 (Cultural Anthropology) [<i>Anthropology 104 counts also as ethnic studies</i>]
Behavioral Science:	Psychology 201 (Introductory Psychology) or 202 (Introductory Psychology) or 330 (Social Psychology)
Ethnic Studies: (Diversity Studies)	3 credits (<i>may count also as social science [above], or history or humanities [below], if the course qualifies as such</i>)
Additional course work:	A total of at least 62 transfer credits by the time of enrollment in the School of Pharmacy. (68 transfer credits for Fall 2011 admission)

* UW Colleges are UW-Baraboo, UW-Barron County (Rice Lake), UW-Fond du Lac, UW-Fox Valley (Menasha), UW-Manitowoc, UW-Marathon County (Wausau), UW-Marinette, UW-Marshfield, UW-Richland Center, UW-Rock County (Janesville), UW-Sheboygan, UW-Washington County (West Bend), and UW-Waukesha.

** All of the requirements on this sheet are requirements for the major. The Associate of Arts & Science degree from a UW College does not automatically fulfill all prepharmacy course requirements and non-professional curriculum graduation requirements.

Pre-Pharm.D. students may wish to include in their preparatory course work, if there is time/space, some of the non-professional curriculum **graduation** requirements: **2 credits of any kind of history, 3 credits of humanities electives**, and sufficient free-choice electives. Non-professional curriculum **graduation** requirements that are not completed prior to enrollment in the School of Pharmacy must be completed prior to graduation of the Pharm.D. program.

NOTE: Credit by exam will be granted **only in accordance with UW-Madison policies**. If students have been granted credit by another college or university for College Board Advanced Placement (**AP exams**), College Level Examination Program (**CLEP exams**), or International Baccalaureate (**IB exams**), it is imperative that they be aware of the UW-Madison credit policies. This applies also to **retroactive foreign language credits**. Students should **not** assume that these types of credits that may have been granted by another college or university will be accepted by UW-Madison.

NOTE: All Pharm.D. applicants must take the Pharmacy College Admission Test (PCAT). International students and U.S. permanent residents whose native language is not English and who are applying for admission to the Pharm.D. program must submit scores from the Test of English as a Foreign Language (TOEFL). To be considered for admission, individuals must earn a score of at least 100 on the internet-based TOEFL (IBT).