

Pharm.D. Pre-Requisite Course Requirements*

DESIGNATED COURSES AT UW-OSHKOSH Rev. 8/4/09

Biology:	Biology 105 (Biological Concepts - Unity) AND 230 (Biology of Animals) AND 323 (Introduction to Molecular & Cell Biology) (preferable) or 231 (Biology of Plants & Microbes). A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement.
Chemistry:	Chemistry 105-106 (General Chemistry I-II) AND 235-335 (Organic Chemistry I-II)
Calculus:	Math 171 (Calculus I) or 175 (Honors: Calculus I), but see the <u>Important Information About Calculus link at http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm</u>
Physics:	Physics/Astronomy 107-108 (General Physics [2 semesters]) or 109-110 (General Physics [2 semesters])
Microbiology:	Biology 233 (Microbial Survey) OR Biology 309 (Bacteriology) (beginning Fall 2011)
Communication:	<i>May be fulfilled by any one of these eleven means:</i> Course work: (1) English 101 (College English I), or (2) English 110 (Honors: Composition), or (3) English 188 (Theme-Based Inquiry Seminars), or (4) English 202 (College English II), or (5) English 203 (Honors: Advanced Expository Writing), or (6) English 204 (Introduction to Creative Writing), or UW System English placement test score(s): (7) an ENGL score of at least 605, or (8) an ECS score of at least 706, or (9) a UWEPT score of at least 660 and a UWRCT score of at least 730, or AP score: (10) a score of at least 4 on the English: Language & Composition exam, or (11) a score of at least 4 on the English: Literature & Composition exam
Economics:	Economics 206 (Principles of Economics I - Micro) or 208 (Honors: Principles of Economics I - Micro)
Statistics:	Statistics- most 3 credit statistics courses will satisfy (beginning Fall 2011)
Social Science:	Sociology 101 (Introductory Sociology) or 103 (Honors: Introductory Sociology), or Anthropology 102 (Introduction to Anthropology) or 122 (World Ethnography) or 232 (Cultural Anthropology) [<i>Anthropology 122 & 232 counts also as ethnic studies</i>]
Behavioral Science:	Psychology 101 (General Psychology) or 104 (Honors: General Psychology) or 110 (General Psychology for Psychology Majors) or 205 (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)

* **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: 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).