

## Pharm.D. Pre-Requisite Course Requirements\*

### DESIGNATED COURSES AT CARTHAGE COLLEGE

Rev. 6/1/09

<b>Biology:</b>	Biology 171-251 (Biodiversity & Evolution - Cell & Molecular Biology). <b>A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement.</b>
<b>Chemistry:</b>	Chemistry 101-102 (General Chemistry I-II) <b>AND</b> 207-208 (Organic Chemistry I-II)
<b>Calculus:</b>	Math 112 (Calculus I), <b>but see the <u>Important Information About Calculus link at <a href="http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm">http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm</a></u></b>
<b>Physics:</b>	Physics 201-202 (Fundamentals of Physics I-II) <b>or</b> 203-204 (Intermediate Physics I-II)
<b>Microbiology:</b>	Biology 306 (Microbiology) <b>(beginning Fall 2011)</b>
<b>Communication:</b>	Heritage Studies 104 (Heritage Seminar II: Issues in Cultural Interaction), <b>or</b> a score of at least 4 on the AP English: Language & Composition exam, <b>or</b> a score of at least 4 on the AP English: Literature & Composition exam
<b>Economics:</b>	Economics 101 (Principles of Microeconomics) <b>or</b> Economics 103 (Issues in Economics)
<b>Statistics:</b>	Statistics- most 3 credit statistics courses will satisfy <b>(beginning Fall 2011)</b>
<b>Social Science:</b>	Sociology 141 (Principles of Sociology) <b>or</b> 143 (Cultural Anthropology) [ <i>Sociology 143 counts also as ethnic studies</i> ]
<b>Behavioral Science:</b>	Psychology 150 (Introduction to Psychology) <b>or</b> 220 (Social Psychology)
<b>Ethnic Studies: (Diversity Studies)</b>	3 credits ( <i>may count also as social science [above], or history or humanities [below], if the course qualifies as such</i> )
<b>Additional course work:</b>	A total of at least 62 transfer credits by the time of enrollment in the School of Pharmacy. <b>(68 transfer credits for Fall 2011 Admission)</b>

\* **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).