

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

### DESIGNATED COURSES AT UW-WHITEWATER Rev. 6/1/09

<b>Biology:</b>	Biology 141-142 (Biology I: Plant Focus - Biology II: Animal Focus). <b>A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement.</b>
<b>Chemistry:</b>	Chemistry 102-104 (Introductory Chemistry [2 semesters]) <b>AND</b> 251-252 and 261 (Organic Chemistry [2 semesters] and Organic Chemistry Lab)
<b>Calculus:</b>	Math 253 (Calculus & Analytic Geometry I), <b>but see the <u>Important Information About Calculus</u> link at <a href="http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm">http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm</a></b>
<b>Physics:</b>	Physics 140-141 (Principles of Physics I-II) <b>OR</b> 180-181 (Physics for Scientists & Engineers I-II) <b>OR</b> [old] 160-161 and 162-163 (General Physics I - General Physics Lab I, and General Physics II - General Physics Lab II) <b>OR</b> [old] 170-172-174 (Introductory Physics I-II-III, with labs)
<b>Microbiology:</b>	Biology 311 (Microbiology) ( <b>beginning Fall 2011</b> )
<b>Communication:</b>	<i>May be fulfilled by any <b>one</b> of these eight means:</i>  Course work: (1) English 102 (Freshman English), <b>or</b> (2) English 105 (Freshman English Honors), <b>or</b> (3) **English 162 (English for International Students), <b>or</b> UW System English placement test score(s): (4) an ENGL score of at least 605, <b>or</b> (5) an ECS score of at least 706, <b>or</b> (6) a UWEPT score of at least 660 <b>and</b> a UWRCT score of at least 730, <b>or</b> AP score: (7) a score of at least 4 on the English: Language & Composition exam, <b>or</b> (8) a score of at least 4 on the English: Literature & Composition exam
<b>Economics:</b>	Economics 201 (Principles of Microeconomics)
<b>Statistics:</b>	Statistics- most 3 credit statistics courses will satisfy ( <b>beginning Fall 2011</b> )
<b>Social Science:</b>	Sociology 240 (formerly, 140) (Introductory Sociology), <b>or</b> [old] Anthropology 110 (Introductory Anthropology), <b>or</b> Anthropology 218 (Cultural Anthropology) [ <i>Anthropology 218 counts also as ethnic studies</i> ]
<b>Behavioral Science:</b>	Psychology 211 (Introductory Psychology) <b>or</b> 355 (Social Psychology)
<b>Ethnic Studies:</b> <b>(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.

\*\* Non-native English speakers must take the UW-Madison English as a Second Language Assessment Test (ESLAT). Transfer credit for English 162 will be awarded only if the student demonstrates the required level of English proficiency.

**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).