

Pharm.D. Pre-Requisite Course Requirements*

DESIGNATED COURSES AT UW-RIVER FALLS

Rev. 6/1/09

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| Biology: | Biology 230 (General Zoology) AND ANY TWO COURSES FROM 240 (Cell & Molecular Biology) (preferable), 350 (Genetics & Evolution) (preferable), and 210 (General Botany). A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement. |
| Chemistry: | Chemistry 120-122 (Introduction to General Chemistry - General Chemistry II) or 121-122 (General Chemistry I-II) AND 231-236 and 232-237 (Organic Chemistry I - Organic Chemistry Lab I, and Organic Chemistry II - Organic Chemistry Lab II) |
| Calculus: | Math 166 (Calculus I), but see the <u>Important Information About Calculus link at http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm</u> |
| Physics: | Physics 151-156 and 152-157 (General Physics I - General Physics Lab I, and General Physics II - General Physics Lab II), OR 161-101 and 162-102 (General Physics I - General Physics Lab I, and General Physics II - General Physics Lab II) |
| Microbiology: | Biology 324 (Microbiology) (beginning Fall 2011) |
| Communication: | <i>May be fulfilled by any one of these nine means:</i> Course work: (1) English 200 (Investigating Ideas: Reading, Writing, & the Disciplines [formerly, Freshman English II]) or (2) English 201 [formerly, 102] (Freshman English for International Students II), or (3) [old] English 112 (Persuasive Reading & Writing), or (4) [old] English 115 (Accelerated Freshman English), or UW System English placement test score(s): (5) an ENGL score of at least 605, or (6) an ECS score of at least 706, or (7) a UWEPT score of at least 660 and a UWRCT score of at least 730, or AP score: (8) a score of at least 4 on the English: Language & Composition exam, or (9) a score of at least 4 on the English: Literature & Composition exam |
| Economics: | Economics 201 (Principles of Microeconomics) |
| Statistics: | Statistics- most 3 credit statistics courses will satisfy (beginning Fall 2011) |
| Social Science: | Sociology 100 (Introduction to Sociology), or Anthropology 100 (Introduction to Anthropology) |
| Behavioral Science: | Psychology 101 (General Psychology) or 265 (Social Psychology) |
| Ethnic Studies: (Diversity Studies) | 3 credits (<i>may</i> count also as history or humanities [below], if the course qualifies as such) |
| 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).