

B.S.-Pharmacology & Toxicology Pre-Requisite Course Requirements*

DESIGNATED COURSES AT UW-OSHKOSH

Rev. 4/21/08

- 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)
- Math:** Math 171 (Calculus I) or 175 (Honors: Calculus I), **but see the Important Information About Calculus link at <http://www.pharmacy.wisc.edu/admissions/pharmtox/calculus.cfm>**
- Physics:** Physics/Astronomy 107-108 (General Physics [2 semesters]) or 109-110 (General Physics [2 semesters])
- Communication:** *May be fulfilled by any **one** of these eleven means:*
- 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
- Social Studies:** 3-6 credits of electives

Additional course work: Sufficient to result in a total of at least 60 transfer credits by the time of enrollment in the School of Pharmacy.

* **Pre-B.S.-Pharmacology & Toxicology students** may wish to include in their preparatory course work, if there is time/space, some of the non-major curriculum **graduation** requirements: the UW-Madison Communication "B" requirement, 6 credits of humanities electives, and 3 credits of ethnic studies. An ethnic studies course will count also as social studies or humanities, if the course qualifies as such. Non-major curriculum **graduation** requirements that are not completed prior to enrollment in the School of Pharmacy must be completed prior to graduation. Please contact the School of Pharmacy Admissions office for Communication "B" specifics and guidelines.

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.

** Non-native English speakers must take the UW-Madison English as a Second Language Assessment Test (ESLAT). Transfer credit for English 101, 110 or 188 will be awarded only if the student demonstrates the required level of English proficiency.