

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

DESIGNATED COURSES AT MARQUETTE UNIVERSITY

Rev. 4/21/08

- Biology:** Biology 1-2 and 90 (General Biology 1-2, and Principles of Biological Investigation). **A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement.**
- Chemistry:** Chemistry 1-2 (General Chemistry 1-2) or 1-4 (General Chemistry 1 - General Chemistry for Chemistry Majors) **AND** 23-24 (Organic Chemistry 1-2)
- Math:** Math 80 (Calculus 1), **but see the [Important Information About Calculus link at http://www.pharmacy.wisc.edu/admissions/pharmtox/calculus.cfm](http://www.pharmacy.wisc.edu/admissions/pharmtox/calculus.cfm)**
- Physics:** Physics 1-2 (General Physics 1-2) or 3-4 (General Physics with Introductory Calculus 1-2) or 13-14 (Classical & Modern Physics with Calculus 1-2)
- Communication:** English 2 (Rhetoric & Composition 2), **or** a score of at least 4 on the AP English: Language & Composition exam, **or** a score of at least 4 on the AP 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.