

**\*In addition to the Liberal Education and premajor requirements, students must satisfy the High School Preparation requirements. See the H. S. requirements sheet with the U of M transfer guides.**

**COURSE  
REQUIREMENTS:****CENTURY COLLEGE  
EQUIVALENT:****Biology:**

General (with lab)	Biol 1041
Microbiology (with lab)	Biol 2035
Anatomy (with lab)	Biol 2040
Physiology (with lab)	Biol 2045 (or Biol 2031/2032)

**Calculus:**

Calculus I	Math 1081
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**Chemistry:**

General (with labs)	Chem 1041
Sufficient to qualify for organic	Chem 1042

**Chemistry:**

Organic (with labs)	Chem 2041
2 semesters	Chem 2042

**Physics:**

Entire introductory sequence (with labs)	Phys 1041 Phys 1042	Other acceptable sequence: Phys 1081 and 1082
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**Behavioral Sciences**

2 courses	See note 	Courses dealing with human behavior in society (psychology or sociology).
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**English Composition:**

1 course	Engl 1022 Or Engl 1025
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**Economics:**

1 course	Econ 1023	Another acceptable course: Econ 1021
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**Public Speaking:**

1 course	Comm 1021
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**Math**

Statistics	Math 1025
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Applicants to the entry-level Pharmacy D. program must complete pre-pharmacy requirements before entering the college. Each course listed above must be at least 3 semester credits. The college strongly advises applicants not to take courses with labs instructed via distance learning or on line. Your college or University may require additional prerequisites before moving to the next level of courses. All required pharmacy courses must be taken A-F and completed with a minimum grade of C- before enrollment. Applicants to the entry-level program must have an overall GPA of 3.00 or better on a four point scale (or 3.2 over the most recent 60 semester credits). All courses taken outside of the U.S. must be submitted to an accredited transfer evaluation service for a course-by course evaluation.

In addition to the pre-pharmacy course requirements, students must complete at least 30 semester credits of general education (nonscience, nonmathematics, nonprofessional, non physical-education) courses before graduation from the College of Pharmacy. Pre-pharmacy credits earned in behavioral science, English composition, economics, and public speaking apply toward the general education requirement. It is recommended that this requirement be completed before entering the college. General education courses that do not fulfill pre-pharmacy requirements may be taken S-N (pass/fail).

The TOEFL is required of international applicants whose native language is not English, unless they have completed 16 semester credits (in the past 24 months) in residence as a full time student at a U.S. institution of higher learning.

#### **Statistics: Students Admitted into the U of M College of Pharmacy for Fall 2008**

Applicants Admitted:	167
Total applications:	1124
Average GPA:	3.58
Female Students:	70%
Minnesota Residents	60%
BA/BS degree completed	76%, by 2008

#### **FOR ADDITIONAL INFORMATION AND APPLICATION MATERIALS:**

**Office of Student Services  
College of Pharmacy  
University of Minnesota  
3-160 Weaver-Densford Hall  
308 Harvard Street S. E.  
Minneapolis, MN 55455  
612-624-9490  
[www.pharmacy.umn.edu](http://www.pharmacy.umn.edu)**