

**Chicago State University College of Pharmacy**  
**Prerequisite Equivalents from**  
**Northwestern University, Evanston, IL**

633 Clark Street  
Evanston, IL 60208  
www.northwestern.edu  
Prehealth Advising: UAAC  
847-467-4281

<u>Chicago State University</u>	<u>Semester Hours Required</u>	<u>Northwestern University</u>
English Composition I – 1230 English Composition II – 1240	6	Two Freshman Seminars
General Biology <i>(minimum two semesters with laboratory)</i>	8	Biological Sciences 110-1, 2 or 3 or 210-1, 2 or 3
Anatomy <i>(must include all systems)</i>	3	Course not offered for undergraduate, must take at another school. <i>*See below.</i>
General chemistry <i>(minimum two semesters with laboratory)</i>	8	Chemistry 101, 102 and 103 or 171 and 172
Organic Chemistry <i>(minimum two semesters with laboratory)</i>	8	Chemistry 210-1,2 and 3 or 212-1,2 and 3
Physics with lab <i>(mechanics, thermodynamics, force and motion must be included. May be non-calculus based)</i>	3	Physics 130-1 and 2 or 135-1 and 2
Calculus <i>(integration and differentiation)</i>	3	Math 214-1 or 210-2
Speech (public speaking) – 2030		Speech 101 or 102
Economics <i>(micro, macro or general)</i>	3	Economics 101, 102 or 202
Sociology or Psychology	3	Sociology 110 or Psychology 110
Statistics	3	Statistics 202 or 210
Additional Coursework <i>(divided among the social and behavioral sciences, humanities, fine arts, foreign language, business or computer science)</i>	11	General Education Electives

*\*Course must be a Human Anatomy class (ex. Human Structure and Function or Human Anatomy) and not Human Physiology. Students will take Human Physiology upon admittance to CSU's College of Pharmacy professional program.*

Please note that every course from every school may not appear here. If a course does not appear for your transfer institution, check with the appropriate department to determine course-for-course equivalency