

## Chicago State University College of Pharmacy

### Prerequisite Equivalents from Northwestern University, Evanston, IL

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Evanston, IL 60208  
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Prehealth Advisor: wcas-advisor@northwestern.edu  
847-491-8916

| <u>Chicago State University</u>                                                                                                                           | <u>Semester<br/>Hours<br/>Required</u> | <u>Northwestern University</u>                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| English Composition I – 1230<br>English Composition II – 1240                                                                                             | 6                                      | Two Freshman Seminars                                                                 |
| General Biology<br><i>(minimum two semesters with laboratory)</i>                                                                                         | 8                                      | Biological Sciences 110-1, 2 or 3 or 210-1, 2 or 3                                    |
| Anatomy<br><i>(must include all systems)</i>                                                                                                              | 3                                      | Course not offered for undergraduate, must take at another school. <i>*See below.</i> |
| General chemistry<br><i>(minimum two semesters with laboratory)</i>                                                                                       | 8                                      | Chemistry 101, 102 and 103 or 171 and 172                                             |
| Organic Chemistry<br><i>(minimum two semesters with laboratory)</i>                                                                                       | 8                                      | Chemistry 210-1,2 and 3 or 212-1,2 and 3                                              |
| Physics with lab<br><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<br><i>(integration and differentiation)</i>                                                                                                      | 3                                      | Math 214-1 or 210-2                                                                   |
| Speech (public speaking) – 2030                                                                                                                           |                                        | Speech 101 or 102                                                                     |
| Economics<br><i>(micro, macro or general)</i>                                                                                                             | 3                                      | Economics 101, 102 or 202                                                             |
| Sociology or Psychology                                                                                                                                   | 3                                      | Any college level psychology or sociology course                                      |
| Statistics                                                                                                                                                | 3                                      | Statistics 202 or 210                                                                 |
| Additional Coursework<br><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