## Required Pre-Pharmacy Prerequisite Coursework

<table>
<thead>
<tr>
<th>Required Number of Courses</th>
<th>Suggested University of Illinois at Springfield Prerequisite Course(s)</th>
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<tbody>
<tr>
<td>Semester</td>
<td>Quarter</td>
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### I. Communication

- **Written communication**: 1 1  
  - ENG 101 or 102
- **Verbal communication**: 1 1  
  - COM 112 or 302
- **Additional (written or verbal)**: 1 1  
  - Select a third course from above or verify the use of a course not listed.

### II. Life Sciences

- **General Biology with labs**: 2 3  
  - BIO (141, 241)
- **Anatomy and Physiology**: 2 2 or 3  
  - BIO (205, 206)
- **Microbiology with lab**: 1 1  
  - BIO (345, 346)
- **Advanced Biology**: 1 1  
  - Genetics is recommended. Cellular biology, molecular biology, or other course that focuses on the human body may also be used to fulfill this requirement.

### III. Physical Sciences

- **General (inorganic) chemistry with labs**: 2 3  
  - CHE (141, 142)
- **Organic Chemistry with labs**: 2 3  
  - CHE (267, 268, 269, 271)
- **Physics**: 1 1  
  - ASP 201
- **Biochemistry**: 1 1  
  - CHE 375

### IV. Mathematics/Statistics

- **Calculus (integrals and derivatives)**: 1 1  
  - MAT 115 or 113
- **Statistics**: 1 1  
  - MAT 121 or 122

### V. Humanities

- **Courses such as history, philosophy, religion, literature, art appreciation**: 1 1

### VI. Social and Behavioral Sciences

- **Courses such as sociology, psychology, anthropology, political science, economics, geography**: 1 1

### Total required courses

- **19 semester courses**
- **22-23 quarter courses**

### Minimum GPA

- 2.50 minimum GPA

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1. Each course must be a minimum of 3 semester or 4 quarter credits.
2. If you have another course that you would like us to consider, please email pharmosa@uic.edu or phone 312-996-7242.
3. If this coursework does not add up to at least 65 semester or 97.5 quarter credits, then additional prerequisite credits must be taken to meet the minimum credit requirement.

Note: If science coursework was taken more than five years prior to admission, students must have their transcripts evaluated by the College of Pharmacy.