The Doctor of Pharmacy (Pharm.D.) program requires satisfactory completion (grade of C- or higher) of all specific pre-pharmacy college course work before entry into the Fall semester. For required minimums and course notes, see the UMKC Pharmacy Admissions site at [UMKC Pre-Pharmacy Course Requirements](http://pharmacy.umkc.edu).

Below are the courses that have been approved to transfer from the listed school towards pre-pharmacy requirements. Admission to the Pharm.D. program is competitive, with college grades, Pharmacy College Admission Test (PCAT) scores, pharmacy experience, communication skills, and a formal interview being key determinants. A degree is not required for admission.

*Courses listed below meet the UMKC pre-pharmacy course requirements for the Pharm.D. program. Please note that the courses below do not necessarily reflect what other programs at UMKC consider towards a Bachelor’s degree.*

### Required Pre-Pharmacy Courses

#### Culver Stockton College

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Culver Stockton College Dept. &amp; Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I</td>
<td>Eng 101</td>
</tr>
<tr>
<td>English Composition II</td>
<td>Eng 202</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>Com 115 or 201 or 204 or 206</td>
</tr>
<tr>
<td>U.S. History or American Government</td>
<td>His 107 or His 108 or Pos 205</td>
</tr>
</tbody>
</table>

**Calculus w/ Analytical Geometry**

**General Physics w/ lab**

**General Chemistry I w/ lab**

**General Chemistry II w/ lab 212/212L**

**General Biology 108 (Botany)**

**General Biology 109 (Zoology)**

*Bio 303 will suffice as 2nd Gen Bio course, after either Bio 205 or 206.*

**The courses below** must be taken within five years prior to the Fall start of the Pharm.D. program.

**Organic Chemistry I w/ lab 321/321L**

**Organic Chemistry II w/ lab 322/322L**

**Cell Biology 202**

**Microbiology w/ lab 121/121L**

**Human Anatomy w/ lab 118/118L**

**Medical Terminology 125**

**Bio 210 & 211**

**Bio 220**

**Two semesters of A&P are required to be equivalent to Human Anatomy.**

Applicants who cannot take a listed course(s) due to unavailability or other conflicts should look at other schools for transferrable courses.

UMKC test credit information (AP, IB, etc.) - [http://www.umkc.edu/registrar/transfer-credit/default.asp](http://www.umkc.edu/registrar/transfer-credit/default.asp)

School of Pharmacy Office of Student Affairs  
[http://pharmacy.umkc.edu](http://pharmacy.umkc.edu) / (816) 235-1613 / pharmacy@umkc.edu

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