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

**Park University**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Park University Dept. &amp; Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I</td>
<td>EN 105 or MOTR ENGL 100</td>
</tr>
<tr>
<td>English Composition II</td>
<td>EN 106 or MOTR ENGL 200</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>CA 103 or MOTR COMM 100, 110, 120, or 125</td>
</tr>
<tr>
<td>U.S. History or American Government</td>
<td>HIS 104 or 105 or PO 200 or MOTR HIST 101, 102 or MOTR POSC 101</td>
</tr>
<tr>
<td>Calculus w/ Analytical Geometry</td>
<td>MA 221</td>
</tr>
<tr>
<td>General Physics w/ lab</td>
<td>PY 155 or MOTR PHYS 150L</td>
</tr>
<tr>
<td>General Chemistry I w/ lab</td>
<td>CH 107/107L or MOTR CHEM 150L</td>
</tr>
<tr>
<td>General Chemistry II w/ lab</td>
<td>CH 108 LE/108L</td>
</tr>
<tr>
<td>General Biology I or Botany</td>
<td>BIO 225</td>
</tr>
<tr>
<td>General Biology II or Zoology</td>
<td>BIO 221</td>
</tr>
<tr>
<td>Organic Chemistry I w/ lab</td>
<td>CH 317/317L</td>
</tr>
<tr>
<td>Organic Chemistry II w/ lab</td>
<td>CH 318/318L</td>
</tr>
<tr>
<td>Cell Biology</td>
<td>BIO 325</td>
</tr>
<tr>
<td>Microbiology w/ lab</td>
<td>BI 223 or BIO 350</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>Not offered</td>
</tr>
<tr>
<td>Human Anatomy w/ lab</td>
<td>BIO 211 &amp; 212*</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Park University Dept. &amp; Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry I w/ lab</td>
<td>CH 317/317L</td>
</tr>
<tr>
<td>Organic Chemistry II w/ lab</td>
<td>CH 318/318L</td>
</tr>
<tr>
<td>Cell Biology</td>
<td>BIO 325</td>
</tr>
<tr>
<td>Microbiology w/ lab</td>
<td>BI 223 or BIO 350</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>Not offered</td>
</tr>
<tr>
<td>Human Anatomy w/ lab</td>
<td>BIO 211 &amp; 212*</td>
</tr>
</tbody>
</table>

*8 hours of A&P will count as one semester of 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

Updated 8/7/2018