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.

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

**Wentworth Military Academy**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Wentworth Military Academy Dept. &amp; Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I</td>
<td>ENG 101 or MOTR ENGL 100</td>
</tr>
<tr>
<td>English Composition II</td>
<td>ENG 102 or MOTR ENGL 200</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>ENG 105 or MOTR COMM 100, 110, 120, or 125</td>
</tr>
<tr>
<td>U.S. History or American Government</td>
<td>HST 111 or HST 112 or PS 101 or MOTR HIST 101, 102 or MOTR POSC 101</td>
</tr>
</tbody>
</table>

- Calculus w/ Analytical Geometry        | MA 121                                      |
- General Physics w/ lab                 | SCI 111 or MOTR PHYS 150L                   |
- General Chemistry I w/ lab             | SCI 120 or MOTR CHEM 150L                   |
- General Chemistry II w/ lab            | SCI 121                                    |
- General Biology I or Botany            | SCI 104                                    |
- General Biology II or Zoology          | SCI 102                                    |

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

- Organic Chemistry I w/ lab             | Not offered                                |
- Organic Chemistry II w/ lab 322/322L   | Not offered                                |
- Cell Biology 202                       | Not offered                                |
- Microbiology w/ lab 121/121L           | SCI 105                                    |
- Human Anatomy w/ lab 118/118L          | Sci 209                                    |
- Medical Terminology 125                | MRT 101                                    |

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)