Pre-Pharmacy at the University of Akron

The following University of Akron (UA) courses meet the prerequisites for admission to the College of Pharmacy at Northeast Ohio Medical University:

<table>
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<tr>
<th>NEOMED College of Pharmacy Required Pre-Professional Courses (Min. Semester Hours Required)</th>
<th>UA Course Equivalent (Credit Hours in Parenthesis)</th>
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| Biology and Other Life Science Sequence with Lab (8) | • 3100:111 Principles of Biology I (with lab)  
• 3100:112 Principles of Biology II (with lab) |
| Inorganic Chemistry Sequence with Lab (8) | • 3150:151 Principles of Chemistry I (Prerequisite is Math level of 3450:149 Precalculus)  
• 3150:152 Principles of Chemistry Lab  
• 3150:153 Principles of Chemistry II  
• 3150:154 Qualitative Analysis (lab course) |
| Organic Chemistry Sequence with Lab (8) | • 3150:263 Organic Chemistry I (Prerequisite is 3150:151-154)  
• 3150:265 Organic Chemistry I Lab  
• 3150:264 Organic Chemistry II  
• 3150:266 Organic Chemistry II Lab |
| General Physics Sequence (6) | **Recommended:**  
• 3650:261 Physics for Life Sciences I (with lab) (Prerequisite 3450:145 Precalculus) & 3650:262 Physics for Life Sciences II (with lab)  
**Acceptable:**  
• 3650:291 Elemental Classical Physics I (with lab) (Prerequisite is 3450:221 Calculus) & 3650:292 Elemental Classical Physics II (with lab) |
| Biochemistry Sequence (6) | • 3150:401 Biochemistry I (no lab) (Prerequisite is 3150:263-266)  
• 3150:402 Biochemistry II (no lab) |
| Calculus (3) | • 3450:221 Analytical Geometry and Calculus I (Prerequisite is 3450:149 Precalculus) |
| Statistics (3) | **Recommended:**  
• 3470:261 Introductory Statistics I (half semester course - 2 credits) & 3470:262 Introductory Statistics II (half semester course - 2 credits)  
**Acceptable:**  
• 3470:260 Basic Statistics (3 credits) |
| Economics (3) | **Recommended by College of Pharmacy**  
ANY Economics Course  
**Recommended by UA**  
• 3250:244 Introduction to Economic Analysis  
• 3250:200 Microeconomics & 3250:201 Macroeconomics (3 credits go toward the 15 credits of General Education and/or Additional Science required below) |
| Literature or Composition (6) | ANY English Composition and/or Literature Courses  
• 3300:111 English Composition I  
• 3300:112 English Composition II |
| Speech or Communication (3) | ANY Speech or Communication Course  
• 7600:105 Introduction to Public Speaking, OR  
7600:106 Effective Oral Communication |
| Psychology (3) | ANY Psychology Course  
• 3750:100 Introduction to Psychology |
| General Education Electives and/or Additional Science (15) | ANY courses (other than courses used to fulfill the above requirements) in the areas of humanities, social science, business, computer literacy, and additional coursework in other prerequisite categories  
Students should choose electives which also satisfy UA General Education Requirements. |

For additional information regarding UA’s pre-pharmacy program, please contact the Buchtel College of Arts and Sciences, Office of Academic Advising at 330-972-7880 or bcasadvising@uakron.edu.

For additional information regarding NEOMED College of Pharmacy, please contact the Office of Enrollment Services at 330.325.6270 or admissions@neomed.edu.

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