



### SUGGESTED PRE-PHARMACY COURSEWORK

Pharmacy school admission requirements vary from school to school. You should **carefully verify admission requirements at your schools of most interest**. The following is a list of courses offered at the University of Idaho that most pharmacy schools will expect applicants to have completed.

<p style="text-align: center;"><b>English</b></p>	<ul style="list-style-type: none"> <li>• <b>Engl 101</b> (Introduction to College Writing)</li> <li>• <b>Engl 102</b> (College Writing and Rhetoric) Prereq: Engl 101 or Equivalent</li> </ul>
<p style="text-align: center;"><b>Chemistry</b> <b>(One year with lab)</b></p>	<ul style="list-style-type: none"> <li>• <b>Chem 111/111 Lab</b> (Gen. Chem I + lab) Prereq: min 580 SAT math or min 25 ACT math or ALEKS math score of at least 46, or a grade of 'C' or better in Chem 101, Math 143, Math 160, or Math 170; pass the Chemistry Fundamentals Exam or Permission <b>and</b></li> <li>• <b>Chem 112/112 Lab</b> (Gen. Chem II + lab) Prereq: Chem 111/111L or Permission</li> </ul>
<p style="text-align: center;"><b>Organic Chemistry</b> <b>(One year with lab)</b></p>	<ul style="list-style-type: none"> <li>• <b>Chem 277/278 Lab</b> (Organic Chem I + lab) Prereq: Chem 112/112L <b>and</b></li> <li>• <b>Chem 372 /374 Lab</b> (Organic Chem II + lab, <i>Spring Only</i>) Prereq: Chem 277/277L</li> </ul>
<p style="text-align: center;"><b>Biology</b></p>	<ul style="list-style-type: none"> <li>• <b>Biol 115/115 Lab</b> (Cells and the Evolution of Life + lab) Coreq: Chem 101 or Chem 111</li> <li>• <b>Biol 120</b> (Human Anatomy + lab, <i>Fall /Summer only</i>)</li> <li>• <b>Biol 121</b> (Human Physiology + lab, <i>Spring Only</i>) Prereq: Biol 121</li> </ul>
<p style="text-align: center;"><b>Microbiology</b></p>	<ul style="list-style-type: none"> <li>• <b>Biol 250/255 Lab</b> (Gen. Microbiology + lab, <i>Fall Only</i>) Prereq: Chem 101 + Lab or Chem 111/111L; and Biol 115/115L</li> </ul>
<p style="text-align: center;"><b>Physics</b> <b>(One year with lab)</b></p>	<ul style="list-style-type: none"> <li>• <b>Phys 111/111 Lab</b> (General Physics I + lab) Prereq: Math 143 <b>and</b></li> <li>• <b>Phys 112/112 Lab</b> (General Physics II + lab, <i>Spring Only</i>) Prereq: Phys 111/111L <b>or</b></li> <li>• <b>Phys 211/211 Lab</b> (Engineering Physics I + lab ) Prereq or Coreq: Math 170 <b>and</b></li> <li>• <b>Phys 212/212 Lab</b> (Engineering Physics II + lab) Prereq: Phys 211/211L <b>and</b> Prereq or Coreq: Math 175</li> </ul>



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<h2 style="margin: 0;">Math/Statistics</h2> <p style="margin: 0;">(1 - 2 semesters calculus – varies by program)</p>	<ul style="list-style-type: none"> <li>• <b>Math 160</b> (Survey of Calculus)  <b>Prereq:</b> Sufficient score on SAT, ACT, or math placement test; or MATH 108 with grade of 'C' or better. It is recommended that MATH 143 be taken within two years of passing MATH 108 or its equivalent. <b>Note: Math 160 should only be taken if the student is confident that they will not be taking any additional calculus courses</b></li>   <li>• <b>Math 170</b> (Analytical Geometry &amp; Calculus I)  <b>Prereq:</b> MATH 143 (with a grade of 'C' or better) and MATH 144 (concurrent enrollment in MATH 144 is allowed although it is recommended that students complete MATH 144 before enrolling in MATH 170); or demonstrated proficiency through a sufficiently high score on the ACT, SAT, or math placement test.</li>   <li>• <b>Math 175</b> (Analytical Geometry &amp; Calculus II)  <b>Prereq:</b> Math 170 with a grade of 'C' or better</li>   <li>• <b>Stat 251</b> (Statistical Methods)  <b>Prereq:</b> One of the following: grade of 'C' or better in Math 108, Math 143, Math 160, Math 170; or 510-540 math SAT; 19-21 math ACT, or ALEKS math placement score of 42+</li> </ul>
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#### Common additional prerequisites or strongly recommended courses include:

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| <input type="checkbox"/> <b>Psychology:</b> Psych 101                       | <input type="checkbox"/> <b>Communication/Speech:</b> Comm 101 |
| <input type="checkbox"/> <b>Economics (Micro or Macro):</b> Econ 201 or 202 | <input type="checkbox"/> <b>Technical Writing:</b> Engl 317    |

#### Sample Prerequisite Sequence (please note that this is just a suggested sequence, and may not be ideal for every student)

1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year
<u>Semester 1</u> Chem 111/111L Math (start sequence to work up to calculus)  <u>Semester 2</u> Chem 112/112L Biol 115/115L	<u>Semester 1</u> Chem 277/278L Phys 111/111L  <u>Semester 2</u> Chem 372/374L Phys 112/112L	<u>Semester 1</u> Biol 120 Biol 300 or 380  <u>Semester 2</u> Biol 121 Biol 250	Complete degree requirements
<div style="border: 2px solid black; background-color: #FFD700; padding: 5px; display: inline-block;"> <b>Apply to Pharmacy School</b>            Note: application <u>deadlines</u> vary by program, ranging from Nov-March         </div>			