



### SUGGESTED PRE-OPTOMETRY COURSEWORK

Optometry school admission requirements vary between schools. You should carefully check admission requirements at the schools of most interest. To view the list of accredited schools with the Association of Schools and Colleges of Optometry, visit <https://optometriceducation.org/students-future-students/member-schools-and-colleges/>

<p><b>Chemistry</b> <b>(3 semesters with Lab)</b></p>	<ul style="list-style-type: none"> <li>• <b>CHEM 111/111 Lab</b> (General Chemistry I + lab) <b>Prereq:</b> min 580 SAT math, min 25 ACT math, or min 46 ALEKS math score; or one of CHEM 101, MATH 143, MATH 160, or MATH 170; pass the Chemistry Fundamentals Exam; or Permission</li> <li>• <b>CHEM 112/112 Lab</b> (General Chemistry II + lab) <b>Prereq:</b> CHEM 111/111 Lab</li> <li>• <b>CHEM 305/112 Lab</b> (Physical Chemistry) <b>Prereq:</b> CHEM 112/112 Lab <b>AND</b> MATH 275 <b>Coreq:</b> PHYS 212 <b>OR</b> PHYS 213</li> </ul>
<p><b>In/Organic Chemistry</b> <b>(2 semesters)</b></p>	<ul style="list-style-type: none"> <li>• <b>CHEM 277/278 Lab</b> (Organic Chemistry 1 + lab) <b>Prereq:</b> CHEM 112/112 Lab</li> <li>• <b>CHEM 463/465 Lab</b> (Inorganic Chemistry + lab, <i>Fall Only</i>) <b>Prereq:</b> CHEM 305 <b>OR</b> Permission</li> </ul>
<p><b>Biology</b> <b>(3 semesters)</b></p>	<ul style="list-style-type: none"> <li>• <b>BIOL 115/115 Lab</b> (Cells and the Evolution of Life + lab) <b>Coreq:</b> CHEM 111/111 Lab</li> <li>• <b>BIOL 227</b> (Anatomy and Physiology I, <i>Fall Only</i>) <b>Prereq:</b> BIOL 115</li> <li>• <b>BIOL 250/255 Lab</b> (General Microbiology + lab, <i>Fall Only</i>) <b>Prereq:</b> BIOL 115/115 Lab <b>AND</b> CHEM 111/111 Lab</li> </ul>
<p><b>Biochemistry</b> <b>(1 semester)</b></p>	<ul style="list-style-type: none"> <li>• <b>BIOL 380/382 Lab</b> (Biochemistry I + lab, <i>Fall Only</i>) <b>Prereq:</b> CHEM 112/112 Lab <b>AND</b> CHEM 277</li> </ul>
<p><b>Physics</b> <b>(2 semesters)</b></p>	<ul style="list-style-type: none"> <li>• <b>PHYS 211/211 Lab</b> (Engineering Physics I + lab) <b>Prereq:</b> MATH 170</li> <li>• <b>PHYS 212</b> (Engineering Physics II) <b>Prereq:</b> PHYS 211/211 Lab <b>AND</b> MATH 175</li> </ul>
<p><b>Math</b> <b>(4 semesters)</b></p>	<ul style="list-style-type: none"> <li>• <b>MATH 170</b> (Calculus I) <b>Prereq:</b> MATH 143 and MATH 144; or sufficient score on the ACT, SAT, or math placement test</li> <li>• <b>MATH 175</b> (Calculus II)</li> <li>• <b>MATH 275</b> (Calculus III)</li> <li>• <b>STAT 251</b> (Statistical Methods) <b>Prereq:</b> MATH 170; or sufficient score on SAT, ACT, or math placement test</li> </ul>