

University of Southern Indiana
Pre-Optometry

The following courses are typically required for admission to Indiana University Optometry School: **CHEM 261, CHEM 262, CHEM 353, CHEM 354, CHEM 431, CHEM 432, BIOL 141, BIOL 333 (rec), BIOL 375/376, BIOL 422 (rec), PHYS 175 and PHYS 176 (or PHYS 205 and PHYS 206), STAT 241, PSY 201, MATH 230, ENG 101, HP 115 (rec), PHIL 201 (rec) and MNGT 141 (rec)**. Requirements vary by university. You should confirm the requirements of each program in which you are interested and consult with your advisor. The following courses are a typical course of study for a **biochemistry** major interested in Optometry school:

<p><u>Fall Year 1</u></p> <p>CHEM 261 4</p> <p>BIOL 141 4</p> <p>MATH 230 4</p> <p>ENG 101 3</p> <p><u>UNIV 101</u> 1</p> <p style="text-align: right;">16</p>	<p><u>Spring Year 1</u></p> <p>CHEM 262 4</p> <p>BIOL 151 or 152 3</p> <p>CMST 101/107 3</p> <p>ENG 201 3</p> <p><u>HP 115</u> 2</p> <p style="text-align: right;">15</p>
<p><u>Fall Year 2</u></p> <p>CHEM 353 4</p> <p>BIOL 151 or 152 3</p> <p>PHYS 175 4</p> <p>ECON 175 3</p> <p><u>CHEM 218</u> 1</p> <p style="text-align: right;">15</p>	<p><u>Spring Year 2</u></p> <p>CHEM 354 4</p> <p>BIOL 334 3</p> <p>PHYS 176 4</p> <p><u>CHEM 321 (or summer)</u> 4</p> <p style="text-align: right;">15</p>
<p><u>Fall Year 3</u></p> <p>CHEM 431 4</p> <p>CHEM 318 (or year 4) 1</p> <p>BIOL 333 (BIOL elect) 4</p> <p>STAT 241 4</p> <p><u>PHIL 201</u> 3</p> <p style="text-align: right;">16</p>	<p><u>Spring Year 3</u></p> <p>CHEM 432 4</p> <p>CHEM 418 (or year 4) 1</p> <p>*CHEM 499/BIOL 499 1</p> <p>BIOL 382 4</p> <p><u>MNGT 141</u> 3</p> <p style="text-align: right;">13</p>
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<p><u>Fall Year 4</u></p> <p>CHEM 361 4</p> <p>CHEM 421 4</p> <p>*CHEM 499/BIOL 499 1</p> <p>Core electives 6</p> <p><u>BIOL 442</u> 3</p> <p style="text-align: right;">16</p>	<p><u>Spring Year 4</u></p> <p>CHEM Elective 4</p> <p>BIOL 375/375 5</p> <p>KIN 192 1</p> <p><u>Core Elective x 2</u> 6</p> <p style="text-align: right;">16</p>

This is a **suggested** sequence of courses. There is some flexibility in this schedule. Courses taken in first year depend on math placement. In order to graduate, you must fulfill 39 credit hours at 300/400 level. *Research courses can be taken in any semester, two are required for the degree

Contact the Chemistry Office (812-465-1701) to be put in touch with a Pre-optometry advisor