

## Tentative Four Year Plan: BS Biology / Pre-Optometry

The below is a tentative schedule and assumes the incoming student with the following placements; Pre-Calculus (Math 171) and College Writing II (ENGL 111). It is highly recommended that you consult a pre-professional faculty advisor to adapt the schedule to your particular circumstances.

Please check with specific Optometry programs for pre-requisites not included below. Some possible recommended courses may include: Microeconomics or Macroeconomics, and Medical Terminology

<b>Tentative Four Year Plan: BS Biology / Pre-Optometry</b>		
<b>Class</b>	<b>Fall Term</b>	<b>Spring Term</b>
Freshman	BIOL 105: Freshman Biology Seminar BIOL 155: Principles of Biology I BIOL 165: Principles of Biology I Laboratory CHEM 153: General Chemistry I CHEM 163: General Chemistry I Laboratory INQ 1XX Freshman Inquiry Seminar ENG 111: College Writing <div style="text-align: right;">Credits: 15</div>	BIOL 156: Principles of Biology II BIOL 166: Principles of Biology II Laboratory CHEM 154: General Chemistry II CHEM 164: General Chemistry II Laboratory MATH 171: Precalculus PSY 211: General Psychology <div style="text-align: right;">Credits: 15</div>

**Summer: Job Shadow**

Sophomore	BIOL 201: Genetics BIOL 203: Cell Biology CHEM 251: Organic Chemistry I CHEM 261: Organic Chemistry I Laboratory MATH 270: Calculus I Gen Ed: NFSS 1XX <div style="text-align: right;">Credits: 15</div>	BIOL 202: Principles of Ecology BIOL 341: General Microbiology CHEM 252: Organic Chemistry II CHEM 262: Organic Chemistry II Laboratory SOC 211: Principles of Sociology <div style="text-align: right;">Credits: 14</div>
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**Summer: Job Shadow and OAT Prep**

Junior	BIOL 251: Human Anatomy & Physiology I BIOL 261: Human Anatomy & Physiology I Lab PH 251: General Physics I BCHM 453: Biochemistry Gen Ed: Elective (as needed) NFSS 111: Health Education <div style="text-align: right;">Credits: 16</div>	BIOL 252: Human Anatomy & Physiology II BIOL 262: Human Anatomy & Physiology II Lab PH 252: General Physics II BIOL Elective (BIOL 300+) MATH 221: Elem. Applied Stats Gen Ed: English <div style="text-align: right;">Credits: 17</div>
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**Summer: Take OAT and Submit Application**

Senior	BIOL Elective (BIOL 300+) BIOL Elective (BIOL 300+) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 15-17</div>	BIOL Elective (BIOL 300+) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 15-16</div>
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