Optometry (OD) Curricular Path

See Pre-Health Faculty Adviser about the **Dual Degree** with the New England College of Optometry (NECO) in the **first semester**. For the dual degree, all of the below courses and Wheaton requirements must be completed in three years.

**COURSES REQUIRED BY THE MAJORITY OF OPTOMETRY SCHOOLS, INCLUDING NECO.** Consult Pre-Health Adviser for the right sequence of courses for you.

All of the courses below are required before applying to optometry schools. Keep in mind that these courses represent the **general requirements for the majority optometry schools**. Depending on the school, there may be additional requirements, such as anatomy and physiology. Check with specific optometry schools.

There are 21 colleges of optometry in the US.

**THREE biology courses**
- Bio 114: Introduction to Biological Sciences
- Bio 221: Microbiology
- Bio 305: Biochemistry*

*Course prerequisites for Bio 305: Biochemistry that must be completed before taking the course: Chem 253, Chem 254, and Bio 221.

**THREE chemistry courses**
- Chem 153: Chemical Principles
- Chem 253: Organic Chemistry I
- Chem 232: Aqueous Equilibria

**TWO physics courses**
- Phys 170: Introductory Physics I
- Phys 171: Introductory Physics II

**TWO mathematics courses**
- Math 101: Calculus I
- Math 141: Statistics

**ONE psychology course**
- Psy 101: Introductory Psychology

**TWO English courses**
- Eng 101: Writing
- One English literature class: 200-level or above