University of Idaho
Suggested Pre-Optometry Courses

Optometry school admission requirements vary from school to school. You should carefully check admission requirements at your schools of most interest, including whether AP credits are accepted to complete prerequisites.

The following is a list of courses offered at the University of Idaho that most schools will expect applicants to have completed.

- **Two semesters of Biology with lab:**
  - **Biol 114** – Organisms and Environments (4 cr.)
    - *Prereq:* Biol 115 and Chem 101 or 111
  - **Biol 115** – Cells and the Evolution of Life (4 cr.)
    - *Coreq:* Chem 101 or Chem 111

- **Two semesters of General Chemistry with lab:**
  - **Chem 111** – Principles of Chemistry I (4 cr.)
    - *Prereq:* min 560 SAT math or min 25 ACT math or min 49 COMPASS College Algebra, or a grade of ‘C’ or better in Chem 101, Math 143, Math 160, or Math 170; or Permission
  - **Chem 112** – Principles of Chemistry II (5 cr.)
    - *Prereq:* Chem 111 or Permission

- **Two semesters of General Physics with lab:**
  - **Phys 111 and 111L** – General Physics I + lab (3 cr. class + 1 cr. lab)
    - *Prereq:* Math 143
  - **Phys 112 and 112L** – General Physics II + lab (3 cr. class + 1 cr. lab)
    - *Prereq:* Phys 111/111L

- **One semester Microbiology with lab**
  - **Biol 250** General Microbiology + 255 Microbiology lab (3 cr. class + 2 cr. lab, Fall Only)
    - *Prereq:* Chem 101 or Chem 111

- **Two semesters of College Level English**
  - **Engl 101** – Introduction to College Writing (3 cr.)
    - *Coreq:* Students with ACT scores 1-17, SAT verbal scores 200-440, COMPASS scores 1-67, or no standardized test scores must concurrently enroll in Engl 109.
  - **Engl 102** – College Writing and Rhetoric (3 cr.)
    - *Prereq:* Engl 101 or equivalent

- **One semester Psychology**
  - **Psych 101** – Intro to Psychology

- **One semester of Statistics**
  - **Stat 251** – Statistical Methods (3 cr.)
    - *Prereq:* One of the following: Math 108, Math 137, Math 143, Math 160, Math 170, or Sufficient score on SAT, ACT, or COMPASS Math Test to qualify for registration in Math 130
University of Idaho
Suggested Pre-Optometry Courses

☐ One to two semesters of Organic Chemistry with lab (varies by program):
  • Chem 277/278 – Organic Chem I + lab (3 cr. class + 1 cr. lab)
    \textit{Prereq:} Chem 112
  • Chem 372/374 - Organic Chem. II + lab (3 cr. class + 1 cr. lab, \textit{Spring Only})
    \textit{Prereq:} Chem 277

☐ Two semesters College Math \textit{(1 semester calculus required for most programs)}
  • MATH 143 – Pre-Calculus Algebra and Analytic Geometry (3cr.)
    \textit{Prereq:} Sufficient score on SAT, ACT, or COMPASS Math 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.
  • Math 160 - Survey of Calculus (4 cr.)
    \textit{Prereq:} Sufficient score on SAT, ACT, or COMPASS Math Test, or Math 137 with a C or better, or Math 143 with a C or better. Required test scores can be found here: \url{www.uidaho.edu/registrar/registration/placement/math}.
  • MATH 170 Analytic Geometry & Calculus I (4 cr.)
    \textit{Prereq:} 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 COMPASS tests.

\textbf{Additional courses that may be required or highly recommended:}
  • Human Anatomy
  • Human Physiology
  • One semester Biochemistry