Pre-Optometry

The curriculum below is recommended to meet the required and recommended pre-requisites of most of the schools, as well as to prepare you for the Optometry Admissions Test (OAT). Additional courses are required to meet requirements for the biology degree and for graduation.

**Biology**
Biology 150 or 160 (General Biology)
Biology 230 (General Zoology)
Biology 240 (Cell Biology)
Biology 324 (Microbiology)
Biology 341 and 342 (Anatomy and Physiology I and II)
Biology 350 (Genetics)
Keep in mind that additional biology courses are required for the Biology major.

**Chemistry**
Chemistry 11 and 116, 112 and 117 (General Chemistry 1 and 2)
Chemistry 231, 232 236, 237 (Organic Chemistry 1 and 2)
OR
Chemistry 130 and 233 (Introduction to and Foundations of Organic Chemistry)
Chemistry 240 (Foundations of Inorganic Chemistry)
also Chemistry 360 (Biochemistry, 4 credits)
OR Chemistry 361 and 362 (Biochemistry I and II, 6 credits)

**PHYSICS IS EXTREMELY IMPORTANT IN OPTOMETRY SCHOOL**

**Physics**
Physics 121 and 122, (2 semesters Algebra-Based Physics and Lab) OR
Physics 131 and 132, (2 semesters Calculus-Based Physics and Lab)
The Calculus-based series is recommended.

**Math**
Math through Math 166 (Calculus), a select few require a second semester of Calculus
Statistics is required, Math 231 (Biostatistics)

**Generals**
Psych 101 (Introduction to Psychology)
Coms 100 (Speech)
Sociology 100
English 100 and 200 are usually required or strongly recommended.
Writing intensive or literature classes
Most want to see humanities, upper level humanities, and social/behavioral sciences
Coms 216 (Intercultural Communication)
Phil 220 (Bioethics)

Shadowing is required

Students applying to Optometry school must take the Optometry Admissions Test (OAT)