

DOCTOR OF OPTOMETRY EDUCATION AND TRAINING

After undergraduate college training, the post-graduate, doctoral-level degree program in optometry is comprised of an additional four years of extensive classroom, laboratory, and clinical training at an accredited optometry school.

This education combines all phases of functional eye health care and optics with the health sciences in a unified, specialized program and focuses on diagnosis, treatment, and management of ocular disease including lasers and minor surgical procedures of the eyelids and surrounding tissue.

YEAR 1 & 2

- Ophthalmic Optics
- Vision Science
- Ocular Pharmacology
- Human Anatomy (Human Cadaver Dissection)
- Neuro Anatomy & Physiology (Brain Dissection)
- Anomalies of Binocular Vision I
- Anomalies of Binocular Vision II
- Epidemiology/Biostatistics and Public Health
- Pharmacology (Animal Lab)
- Pathology
- Ocular Disease of the Anterior Segment I
- Ocular Disease of the Posterior Segment I
- Glaucoma I
- Retina I
- Respiratory Systems
- Histology and Cell Biology
- Dermatology
- Microbiology
- Endocrinology
- Reproductive Systems and Sexually Transmitted Diseases
- Clinical Diagnosis
- Gastroenterology
- Clinical Methods/Interviewing/Physical Examination
- Infectious Disease
- Cardiovascular Systems

YEAR 3

- Evidence Based Health Care
- Ocular Disease of the Anterior Segment II
- Ocular Disease of the Posterior Segment II
- Neuro Eye Disease
- Community-Based Patient Care
- Infant/Child Development and Management
- Clinical Medicine I
- Clinical Medicine II
- Glaucoma II
- Retina II
- General & Ocular Emergencies
- Ocular Disease Seminar
- Strabismus and Amblyopia I
- Strabismus and Amblyopia II
- Injections and Minor Surgical Procedures
- Ophthalmic Lasers
- Business of Optometry
- Practice Management
- Specialty Rotation - Advanced Eyecare
- Specialty Rotation - Vision Rehabilitation
- Specialty Rotation - Pediatrics/ Binocular Vision
- Specialty Rotation - Cornea/ Contact Lens
- Patient Care Program - Primary Eyecare IV, V, VI, and VII

YEAR 4 - Externship Rotations, 3 months each

- Primary Care Clinical
- Eye Institute Patient Care Rotation
- VA/Hospital Based Externship Rotation
- Specialty Externship Rotation