Curriculum



🙀 Listen

In 10 semesters over four years, the Doctor of Optometry (OD) program offers a **dynamic**, **cutting edge curriculum** that trains you to provide the **fullest scope of optometric care**. At The Ohio State University College of Optometry you will be among the best and brightest students learning from the best and brightest faculty as you:

- Begin patient care in the first year
- Directly **examine 1800 patients** by the time you graduate **and see additional patients** through school screenings, case reviews, grand rounds, and Eyewear Gallery appointments
- **Deliver eyecare in all primary and sub-specialty areas** in our College's full range of clinical services including: <u>Primary Vision Care</u>, <u>Binocular Vision</u>, <u>Pediatrics</u>, <u>Advanced Ocular Care</u>, Contact Lenses (<u>Adult</u> and <u>Pediatric</u>), <u>Low Vision Rehabilitation</u>, and <u>Eyewear Gallery</u>
- Learn to run a successful optometric practice with **the most comprehensive series of practice management courses**, ranging from personal finance to the development of a complete business plan

At Ohio State, we are preparing the leaders of tomorrow!

Show all
First Year
Autumn
Biochemistry for Optometry
General and Histological Anatomy
Geometric Optics
Introduction to Primary Care Testing I

Ocular Anatomy

Optometric Career Options and Financing **

Pathophysiology I

Practice of Optometry

Spring

Epidemiology and Biostatistics for Optometry

General and Visual Neuroanatomy

Introduction to Primary Care Testing II *

Microbiology for Optometry

Ocular Physiology

Optics of the Eye

Pathophysiology II

Physical Optics and Photometry

Introduction to Clinical Diagnostic Reasoning in Optometry

Spring

^{**} Practice Management Course

<u>Snow an</u>
Second Year
Autumn
Anterior Segment Ocular Disease
Basic and Ocular Pharmacology
Ocular Care Techniques
Ophthalmic Optics
Optometric Examination

^{*} Direct Patient Care

Advanced Ocular Care Techniques

Clinical Ocular Pharmacology

Coding and Reimbursement **

Diagnosing and Prescribing

Introduction to Primary Care Practice *

Posterior Segment Ocular Disease

Visual Neurophysiology and Perception

^{**} Practice Management Course

Show all Third Year
Summer
<u>Contact Lenses</u>
Contact Lens Lab
Eye Movements and Binocular Vision
Management of Glaucoma
Ocular Neurology
<u>Vision of Children</u>
Intermediate Clinical Diagnostic Reasoning in Optometry
Autumn
Advanced Contact Lenses
Advanced Contact Lens Lab
Clinical Binocular Vision
Systemic Disease for Optometry
Third-Party Payment Plans **

^{*} Direct Patient Care

Spring

Injections, Lasers and Advanced Ocular Techniques

Low Vision Rehabilitation and Gerontology

Optometric Economics and Jurisprudence, Practice Analysis and Practice Systems **

Public Health & Environmental Vision

Surgery and Co-management of Ocular Disease

Clinical Education *

Introduction to Contact Lenses (One Semester)

Ocular Disease Practice (One Semester)

Ophthalmic Dispensing (One semester)

Primary Care Practice (All three semesters)

Vision Screening (Autumn semester)

Show all

Fourth Year *

In-House Internship*

Binocular Vision and Pediatrics Service

Clinical and Business Aspects of Practice **

Contact Lens Service

Low Vision Rehabilitation Service

Ophthalmic Dispensing

Student Health Center Optometry Services

Primary Care Externship *

Binocular Vision and Pediatrics Service

^{*} Direct Patient Care

^{**} Practice Management Course

Clinical and Business Aspects of Practice **

Community Outreach Clinic

Contact Lens Service

Ophthalmology Practice or Co-management Center

Private Optometric Practice

Ocular Disease Externship *

Veteran's Administration Optometry Clinics

Advanced Practice Externship *

Ophthalmological practices and surgical co-management centers **OR**

Optometric offices with distinctive practice structures, unique settings, or noteworthy clinic services **OR**

Indian Health Service (IHS) Eye Clinics

Fourth Year Overview

The fourth year is divided into four 13 week rotations. Two rotations are in Columbus and the surrounding area and two are externships in locations around the US including: Arizona, Georgia, Idaho, Illinois, Kentucky, New Jersey, New Mexico, New York, North Carolina, Ohio, Utah, Vermont, Virginia, West Virginia.

^{*} Direct Patient Care

^{**} Practice Management Course



In-House Internship

See a diverse patient base drawn from the campus, Ohio and surrounding states while learning from faculty optometrists who are experts in specialties including cornea and contact lenses, binocular vision, traumatic brain injury, retinal disorders, and low vision rehabilitation. Each In-house rotation will include:

- Binocular Vision and Pediatrics
- Contact Lenses
- Low Vision Rehabilitation
- Eye Wear Gallery
- Student Health Center Optometry Services

Primary Care Externship

Experience a variety of practice settings gaining **broad exposure to contemporary primary eyecare** with special emphasis on adapting to diverse patient encounters in unique environments and areas of practice.

Each Primary Care Extern rotation will include:

- Private optometric office
- Private ophthalmology practice, ophthalmology referral center or clinic
- The Ohio State College of Optometry Community Outreach

Ocular Disease Externship

Train full-time at a Veterans Administration Optometry Clinic with special emphasis on patient populations with ocular disease and ocular manifestations of systemic disease.

Advanced Practice Externship

Choose a specified clinical areas of emphasis such as **medical and surgical co-management of** ocular disease, eyecare delivery to specialized patient populations, or full scope, contemporary optometric practice.

Options for Advanced Practice Extern rotations include:

- Ophthalmological practices and surgical co-management centers
- Optometric offices with distinctive practice structures, unique settings, or noteworthy clinic services
- Indian Health Service (IHS) Eye Clinics

The Curriculum Grid provides more information on credit hours and faculty.

About the College

Faculty & Staff

Admissions

(614) 292-2647

(866) 678-6446

Clinic

(614) 292-2020

Contact Us