

Curriculum



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: [Primary Vision Care](#), [Binocular Vision](#), [Pediatrics](#), [Advanced Ocular Care](#), Contact Lenses ([Adult](#) and [Pediatric](#)), [Low Vision Rehabilitation](#), and [Eyewear Gallery](#)
- 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](#)

* **Direct Patient Care**

** **Practice Management Course**

[Show all](#)

Second Year

Autumn

[Anterior Segment Ocular Disease](#)

[Basic and Ocular Pharmacology](#)

[Ocular Care Techniques](#)

[Ophthalmic Optics](#)

[Optometric Examination](#)

Spring

[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](#)

* **Direct Patient Care**

** **Practice Management Course**

[Show all](#)

Third Year

Summer

[Contact Lenses](#)

[Contact Lens Lab](#)

[Eye Movements and Binocular Vision](#)

[Management of Glaucoma](#)

[Ocular Neurology](#)

[Vision of Children](#)

[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 **](#)

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 \(Autumn semester\)](#)

* **Direct Patient Care**

** **Practice Management Course**

[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](#)

[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

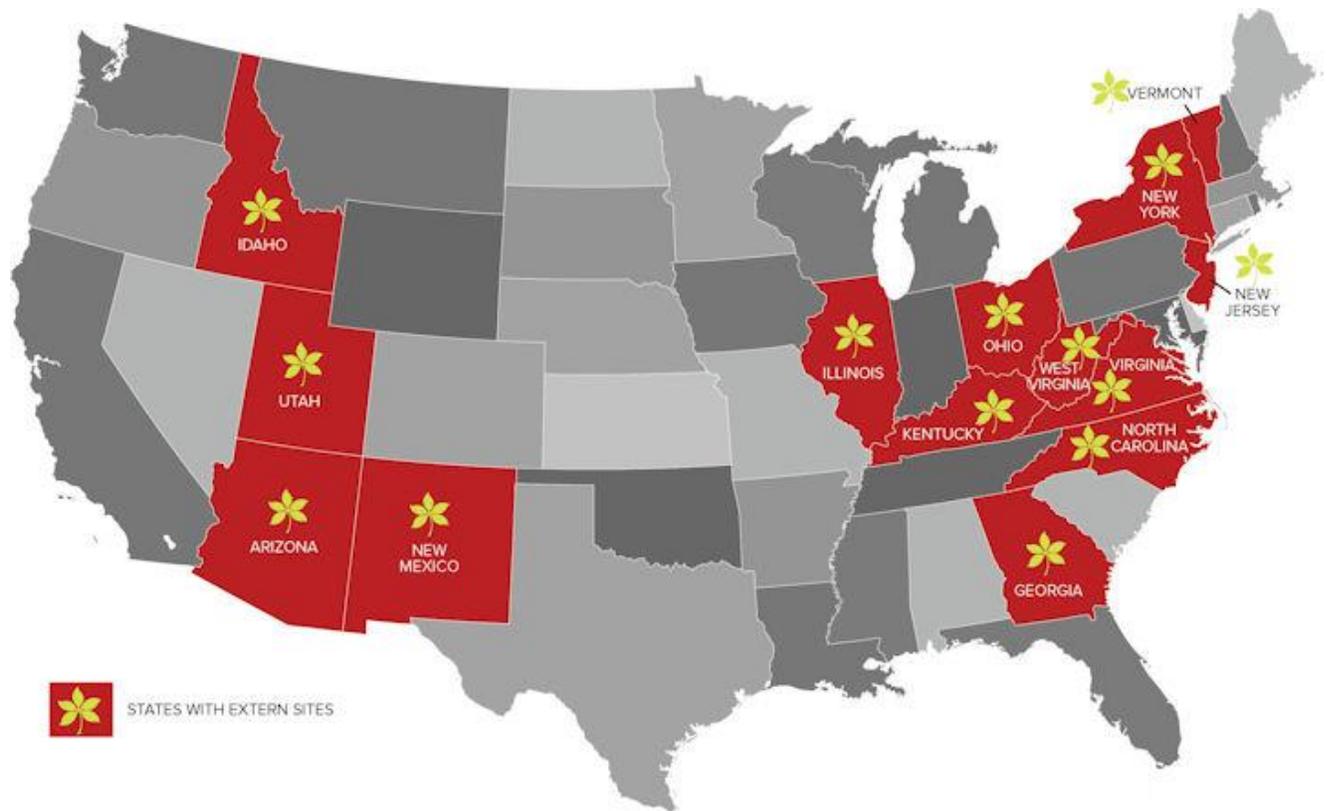
[Indian Health Service \(IHS\) Eye Clinics](#)

*** Direct Patient Care**

**** Practice Management Course**

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.



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](#)