

## 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**

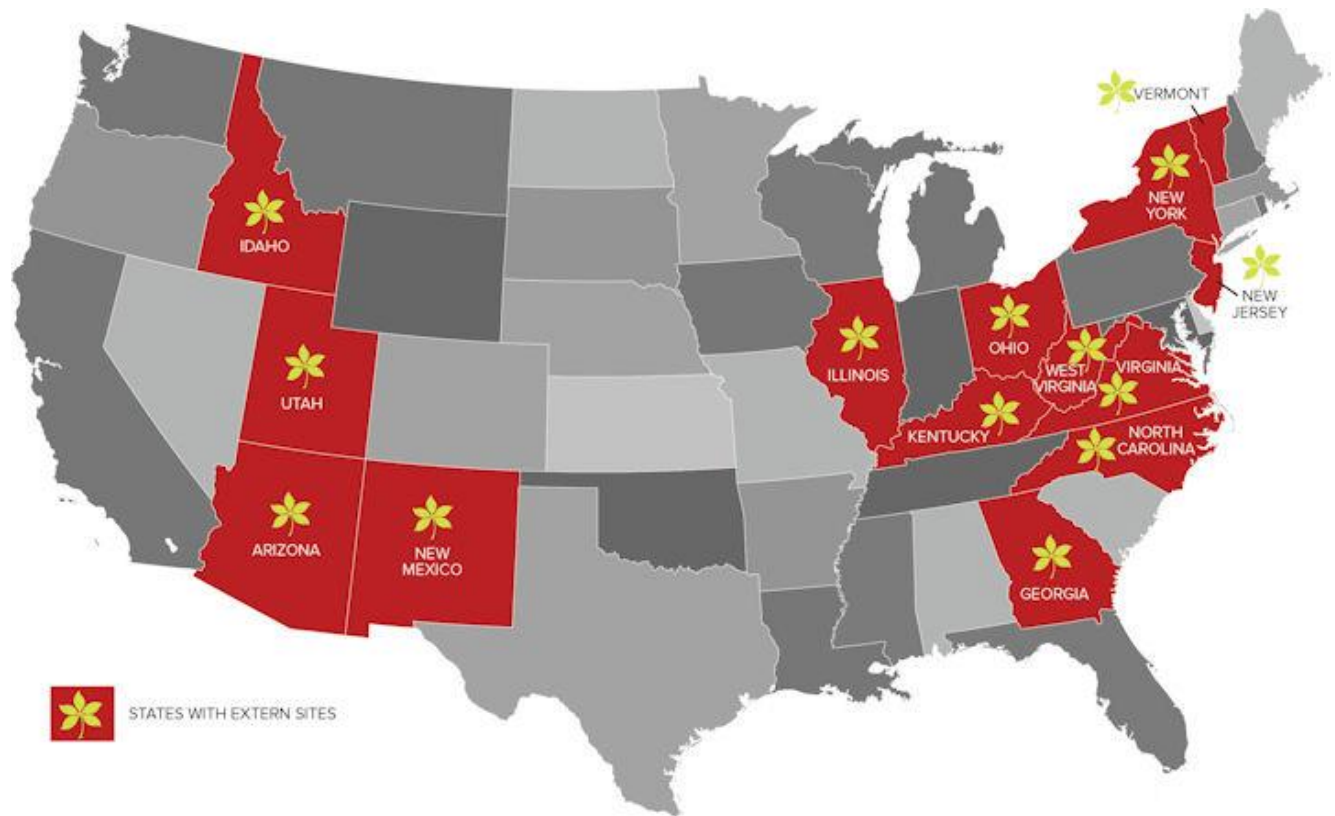
[Indian Health Service \(IHS\) Eye Clinics](#)

**\* 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](#)

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