

# Ophthalmology and Visual Sciences

## Chair

- Keith D. Carter

**Professional certificate:** orthoptics

**Faculty:** <https://eye.medicine.uiowa.edu/profile/>

**Website:** <https://eye.medicine.uiowa.edu/>

## Courses

## Ophthalmology and Visual Sciences Courses

### **OPHT:8008 Corneal Medical Student Research Fellowship** 0 s.h.

One-year, full-time membership in established research laboratory in the Department of Ophthalmology or collaborating laboratory. Requirements: MD enrollment.

### **OPHT:8301 Clinical Ophthalmology** 2 s.h.

All aspects of clinical ophthalmology; clinical experience, lectures, case presentations; clinical duties with staff, residents, and faculty in University of Iowa Health Care and VA Iowa City Health Care ophthalmology clinics. Requirements: MD enrollment.

### **OPHT:8401 Cornea and Anterior Segment of the Eye** 4 s.h.

Common diseases of eyelid, conjunctiva, and cornea.

### **OPHT:8402 Elective in Neuro-Ophthalmology** 4 s.h.

Visual, ocular motor dysfunction due to neurologic disease; patient work-up, readings, neuro-ophthalmology rounds.

### **OPHT:8403 Molecular Ophthalmology** 4 s.h.

Use of recombinant DNA, tissue culture, protein electrophoresis in study of inherited eye diseases.

### **OPHT:8404 Elective in Ocular Pathology** 4 s.h.

Pathophysiology of eye disease.

### **OPHT:8405 Advanced Ophthalmology - Veterans Affairs** 4 s.h.

Opportunity for in-depth clinical experience in assessment and management of ophthalmology patients; students serve on the VA Iowa City Health Care ophthalmology team and see outpatients and emergency room visits alongside residents and faculty.

### **OPHT:8406 Plastic and Reconstructive Surgery** 4 s.h.

Topics in ophthalmic plastic and reconstructive surgery.

### **OPHT:8497 Research in Ophthalmology** arr.

Medical research, clinical or laboratory projects; individual study.

### **OPHT:8498 Ophthalmology On Campus** arr.

### **OPHT:8499 Ophthalmology Off Campus** arr.