The Ophthalmology elective will acquaint all medical students with the techniques of examination of the eye, common fundus pathology, cataracts, glaucoma, common external problems such as infections, and also ophthalmic emergencies.

Students interested in Ophthalmology as a possible career choice will wish to spend a greater proportion of their time in activities such as making rounds on inpatient floor, and following patients that they have seen in the clinic to the operating room. It may be possible for students with a career interest in ophthalmology to arrange this elective early in the fourth year.

**OPHTHAMOLOGY ELECTIVE**

Course Director: Marcelle Morcos, MD, FACS. Associate Professor of Ophthalmology – SUNY, Stony Brook  
Duration: 4 Weeks (not offered June to August)

**GOALS**

This elective is designed to introduce the student to clinical ophthalmology, techniques of examination of the eye,

**OBJECTIVES**

- Expose students to Ophthalmology as a possible career choice.
- For the students not interested in Ophthalmology as a career choice, to expose them to a diverse variety of eye conditions that primary care physicians will encounter and to instruct them on what conditions can be treated effectively by primary care physicians and what type of conditions need to be referred to an ophthalmologist.
- Expose all students to a variety of ophthalmic surgery and pre-op and postoperative care.

**CLINICAL EXPERIENCE**

By the completion of the rotation, the student should be able to:

1. Perform a basic eye exam.
2. Understand the visual pathway and anatomy.
3. Have a fundamental understanding of ophthalmic manifestations of selected systemic diseases as well as age-related ocular changes.
4. Differentiate true ophthalmic emergencies from routine conditions.

**EVALUATION METHODS**

1. Clinical observation by residents  
2. Multiple choice final exam  
3. Student presentation on subject of choice

**DIDACTIC EXPERIENCE**

The student will participate in didactic sessions including grand rounds, journal clubs and lectures. Students will work one-on-one with ophthalmology residents and attending examining patients and observing surgery.

**HOW TO APPLY**

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.

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I just wanted to thank you again for the experience. I was uncertain about what path I wanted to pursue coming into the rotation but your program was able to steer me in a certain direction. The pathology that was seen in the clinic was second to none. All the residents were so helpful in making sure that the other student and I were exposed to as much as we could in terms of interesting cases. I have never been to a rotation where the residents, I felt, were picked so well. Aside from their obvious knowledge of Ophthalmology I was so impressed with how it seemed more like a family than a group of residents. The camaraderie that was displayed among the group was so easy going, supportive, light hearted but yet the passion for the practice of Ophthalmology was so clear. It was something really to have been experienced and not to try to describe. In all my rotations, your program displayed how medicine should be practiced and enjoyed. Thank you so much for the experience and please send all the residents my regards and thanks.”

— Sabatino Ienopoli, NYCOM Fourth Year Medical Student