

OPHTHALMOLOGY

Contact the Ophthalmology CST Coordinator (<https://catalog.unmc.edu/medicine/curriculum/phase3/career-speciality-tracks/>) with scheduling questions unless a course administrator is specified for a course in the course description.

OPHT 720 CLINICAL OPHTHALMOLOGY 4 Credit Hours

SUB-INTERN

This elective functions as an introductory course to clinical ophthalmology which includes experiences in all areas of general ophthalmologic diagnosis and therapy. This course is appropriate for all Phase III students. Within this broad field, the following areas will be emphasized: 1. Basic ophthalmic history taking and its correlation with the general medical history. 2. Functional evaluation of the visual system including determination of near and distance visual acuity, confrontation visual field, and color vision. 3. Recognition of other testing procedures designed to detect dysfunction of any components of the visual system. 4. Direct examination of the visual system including pupillary exam, measurement of intraocular pressure, and direct ophthalmoscopy. 5. Learning about the use and limitations of the slit-lamp and indirect ophthalmoscopy. 6. Observation of ocular surgical procedures. 7. Identification of the most common causes of blindness. 8. Awareness of the relative urgency of common ophthalmic referrals. The goal of this program is to lay a firm foundation of basic ophthalmic knowledge and diagnostic skill. There is no call requirement, but an on-call experience can be requested by interested students. The rotation includes attendance of weekly scheduled conferences and didactics. Students will be expected to give a brief presentation to the course director and fellow learners. Alternatively, they can develop a brief educational video, module, or equivalent from a list of topics. An exam will be given at the end of the rotation based on reading, didactic sessions, and clinical teaching. Evaluation is based on clinical performance, presentation, post-rotation examination, interpersonal skills, and professionalism. Rotations Offered: Each 4 weeks. Site: Truhlsen Eye Institute

Instructor: Dr. Shannon Lynch

Typically Offered: FALL/SPR

Capacity: 2

OPHT 721 ADVANCED CLINICAL OPHTHALMOLOGY SUB-INTERNSHIP 4

Credit Hours

SUB-INTERN

This senior elective functions as a sub-internship in clinical ophthalmology which includes experiences in all areas of general ophthalmologic diagnosis and therapy. Within this comprehensive field, the following areas will be emphasized: 1. Ophthalmic history taking and presentation of the case to faculty. 2. Refinement of functional evaluation of the visual system including determination of near and distance visual acuity, confrontation visual field, and color vision. 3. Basic interpretation of advanced testing procedures designed to detect dysfunction of any components of the visual system such as perimetry, OCT, and neuroimaging. 4. Direct examination of the visual system including pupillary exam, measurement of intraocular pressure, direct ophthalmoscopy, slit-lamp, and indirect ophthalmoscopy. 5. Early steps towards generation of a differential diagnosis, recommendation of appropriate testing, and development of a treatment plan. 6. Observation of and participation in ocular surgical procedures. 7. Identification of the most common causes of blindness including recognition of vision threatening and non-vision threatening causes of red eye. 8. Awareness of the relative urgency of common ophthalmic referrals. The goal of this program is to fortify the foundation of ophthalmic knowledge and diagnostic skill for students planning to apply for ophthalmology residency. There is no overnight call requirement, but students will be required to participate in at least one inpatient consult with the on-call resident during the rotation. The rotation includes attendance of weekly scheduled conferences and didactics. Students will be expected to present at grand rounds to the department. Students will also be expected to develop a brief educational video, module, or equivalent from a list of topics. An exam will be given at the end of the rotation based on reading, didactic sessions, and clinical teaching. Evaluation is based on clinical performance, presentation, educational project, post-rotation examination, interpersonal skills, and professionalism. Rotations Offered: Each 4 weeks. Site: Truhlsen Eye Institute.

Prerequisite: Prior ophthalmology experience such as successful completion of OPHT 720, ophthalmology rotation during surgical clerkship, or equivalent experience approved by the Instructor.

Instructor: Dr. Shannon Lynch

Typically Offered: FALL/SPR

Capacity: 2

OPHT 725 INTERNATIONAL OPHTHALMOLOGY ELECTIVE 4 Credit Hours

ELECTIVE

Rotations Offered: By arrangement.

Prerequisite: 2 week Ophthalmology rotation (under Surgery Clerkship in M3 year) or OPHT 720, and an approved application for an away elective. Not open to visiting students.

Instructor: Dr. Michael Feilmeier

Typically Offered: FALL/SPR

Capacity: Variable

OPHT 740 OPHT/ENT 4 Credit Hours

ELECTIVE

This is a combined elective within the Departments of Ophthalmology and Otolaryngology/Head and Neck Surgery. The student will rotate through both departments. The rotation is designed for students entering other specialties. It will lay the foundation of basic knowledge and diagnostic skills to aid the student in their specialty of choice. Students completing the rotation will be able to manage the common problems within each specialty and also be able to recognize those problems requiring specialty referral. The student will be able to treat those problems appropriate for a primary care physician. The student will be able to recognize those problems which necessitate referral to the appropriate specialist. Rotations Offered: Each 4 weeks, except July and August.

Prerequisite: Not open to visiting students.

Instructor: Dr. Shannon Lynch

Typically Offered: FALL/SPR

Capacity: Variable

OPHT 760 AWAY ELECTIVE IN OPHTHALMOLOGY 4 Credit Hours

ELECTIVE

Rotations Offered: Each 4 weeks.

Prerequisite: An approved application for an away elective. Not open to visiting students.

Typically Offered: FALL/SPR

Capacity: Variable

OPHT 790 RESEARCH IN OPHTHALMOLOGY 4-5 Credit Hours

ELECTIVE

Rotations Offered: By arrangement.

Prerequisite: Not open to visiting students.

Typically Offered: FALL/SPR

Capacity: Variable