**OPHTHALMOLOGY (OP)**

**OP 0102 - Pathogenesis of Herpes Simplex Virus Type I**
**Credit(s): 3-6 Credits**
Perform research on HSV-1 by aiding in the creation of new HSV-1 recombinant viruses to be used in studies to better understand the pathogenesis of infections caused by HSV-1.

**OP 0302 - Ophthalmology Career Exploration**
**Credit(s): 1-2 Credits (Repeatable for credit)**
This course may be used to register for Ophthalmology career exploration. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

**OP 0303 - Ophthalmology self-designed Career Exploration**
**Credit(s): 1-2 Credits (Repeatable for credit)**

**OP 0401 - Clinical Ophthalmology**
**Credit(s): 2-12 Credits**
This elective provides students with the opportunity to develop their knowledge of clinical Ophthalmology and to acquire basic skills to perform an ophthalmic examination. The schedule of clinical activities assignment at the Saint Louis University Eye Institute, Saint Louis University Hospital, and Cardinal Glennon Pediatric Ophthalmology Department. Operating room participation is included.

**OP 0404 - Ophthalmic Features of Systemic Disorders**
**Credit(s): 2-12 Credits**
The retina offers a path for students to observe systemic disorders at a microscopic level in living people. This elective provides students with the opportunity to develop their knowledge of the more common systemic disorders that are seen in clinical ophthalmology. The course is intended for medical students with a specific interest in internal medicine, geriatrics, or primary care. There will be exposure to ocular manifestations of chronic diseases including diabetic and hypertensive retinopathy, age-related macular degeneration and other diagnostic entities accounting for both acute and chronic visual loss. Students will acquire a basic understanding of how a complete ophthalmic examination (testing and recording of visual acuity, pupil exam, motility exam, slit lamp examination and ophthalmoscopy) can be used to evaluate systemic disease.

**OP 0405 - Pediatric Ophthalmology**
**Credit(s): 2-12 Credits**
Work with pediatric ophthalmology residents and shadow 2 Attending pediatric ophthalmologists. This elective is designed for medical students NOT planning on entering ophthalmology. Ideally it is for future pediatric or future med/peds residents who want an introduction and exposure to pediatric ophthalmology.

**OP 0406 - Clinical Neuro Ophthalmology**
**Credit(s): 2-12 Credits**
This course is for Year 4 students, (with Year 3 students considered only with permission of Dr. Chung), who plan to obtain post-graduate training in Neurology, Ophthalmology, or Neurosurgery. It provides exposure to important aspects of neuro-ophthalmic disease: optic nerve disease, double vision, eye movement disorders, visual field abnormalities, etc.

**OP 0409 - Clinical Ophthalmology for the Non Ophthalmologist**
**Credit(s): 2-12 Credits (Repeatable for credit)**
This elective provides students with the opportunity to develop their knowledge of basic clinical ophthalmology and to acquire basic skills to perform an ophthalmic examination.