

OPHTHALMOLOGY

Program Requirements

Code	Title	Credits
Elective Opportunities		
Elective courses must be approved by the course director listed. Course descriptions and additional details can be found at: https://www.hopkinsmedicine.org/som/students/academics/electivebook.pdf		
<i>Ophthalmology Clinical Electives</i>		
	Clinical Elective in Ophthalmology; Dr. Henry Jampel	
	Advanced Work and Research in Ophthalmology and Neurosurgery; Dr. Henry Brem	
	Clinical Neuro-Ophthalmology: Drs. Amanda Henderson, Dr. Michael Carper, Dr. Andrew Carey and Dr. Neil Miller	
	Elective in Oculoplastic Surgery; Drs. Ashley Campbell, Dr. Fatemah Rajaii, and Dr. Nicholas Mahoney	
	Signal Acquisition and Processing in Ophthalmic Optics; Dr. Boris Gramatikov	
	Clinical Elective in Ophthalmology at Green Spring Station; Drs. Kraig S. Bower and Dr. Albert Jun	
	Clinical elective in ophthalmology at Odenton and Columbia; Dr. Divya Srikumaran	
	Investigating the basis of inherited ocular dystrophies; Dr. S Amer Riazuddin	
	Argus II retinal implant, intracortical visual prosthesis and ultra low-vision assessment; Drs. Gislin Dagnelie, Dr. James Handa, and Dr. Judith Goldstein	
	Pediatric ophthalmology and strabismus; Drs. Courtney Kraus and Dr. Alex Cristoff	
	Clinical Elective In Ocular Immunology, Dr. Meghan Berkenstock	
	Glaucoma Clinical Research Elective; Dr. Pradeep Ramulu	
	Clinical/Research Elective in Ophthalmology – Bethesda Campus; Dr. Mona Kaleem	
<i>Research opportunities (contact preceptor to arrange research)</i>		
	Medical retina; Dr. Morton Goldberg and Dr. Sharon Solomon	
	Cornea and cataract; Drs. Esen Akpek, Allen Eghrari, Irene Kuo, Oliver Schein, Shameema Sikder, Uri Soiberman and Robert Weinberg	
	Neuro-ophthalmology; Drs. Neil Miller, Amanda Henderson, and Andrew Carey	
	Pathophysiology of Eye-Movement Disorders and Nystagmus; Dr. David Zee	
	Ocular Tumors; Methods of Diagnosis and Treatment; Dr. James Handa	
	Ocular Epidemiology: Drs. Pradeep Ramulu, and Oliver Schein	
	Angiogenesis Research and Controlled Drug Delivery; Dr. Henry Brem	
	Uveitis; Scleritis, Cytomegalovirus Retinitis, Autoimmune Diseases of the Eye; Drs. Meghan Berkenstock, Richard Semba and Jennifer Thorne	
	Surgical Retina: Drs. Peter Campochiaro, and James Handa	
	Medical Informatics and Electronic Health Record; Dr. Michael Boland	
	Retinal Molecular Biology; Dr. Don Zack	