

**Page 236:** Change title of OPTM 6053 to Optical Science V: Physical Optics

**Page 236:** Change title of OPTM 6151 to Optical Science VI: Physiological Optics

**Page 236:** Add OPTM 6172 Special Considerations in Pediatrics (1.5 credit hours) to the curriculum for the Second Year, Spring Semester.

**Page 236:** Add OPTM 6173 Systemic Pharmacology: Top 40 Medications (1.5 credit hours) to the curriculum for the Second Year, Spring Semester.

**Page 236:** Add OPTM 6281 Ocular Disease III: Neurological Disease Diagnosis and Treatment (2.5 credit hours) to the curriculum for the Second Year, Summer Semester.

**Page 240:** Change OPTM 6053 Optical Science V: Physiological Optics and course description to:

**OPTM 6151 Optical Science VI: Physical Optics (3.5 credit hours, graded)**

This course presents the physics of light, including the wave and particle behavior of light. In particular, the course will include the characteristics of electromagnetic radiation, wave motion, total and partial coherence of light, interference, diffraction (single slit, double slit, gratings, circular apertures), zone plates, polarization, birefringence, anti-reflecting lens coatings, lasers, emission and absorption spectra. Examples of applications in vision science and ocular diagnostic instruments will be provided.

**Page 240:** Change OPTM 6151 Optical Sciences VI: Physical Optics and course description to:

**OPTM 6151 Optical Science VI: Physiological Optics (3.5 credit hours, graded)**

Physiological optics of the eye and an introduction to the correction of ametropias will be presented. The various axes, angles, and landmarks of the eye will be presented in optical terms with the eye as an optical system. Characteristics of the ocular media and the interaction of light with the eye will be discussed. Optical aspects of accommodation, presbyopia, aphakia, and pseudophakia will be included. The role of the pupil as it affects depth of field, aberrations and accommodation will be described.

**Page 241:** Add the following course descriptions

**OPTM 6172 Special Considerations in Pediatrics (1.5 credit hours, graded)**

This course emphasizes the optometric care of patients from birth through age eight. The identification of children at risk for developing ocular, visual, perceptual, or visually-related learning problems will be integrated with a discussion of strategies for diagnosis and management. Schema of normal growth and development with an emphasis on expected visual development from birth through childhood will be presented. Particular emphasis will be placed on prevalent conditions, and conditions with a high level of clinical criticality. An overview of care for children with special needs will also be presented. Examination techniques unique to the pediatric patient, including the use of hand-held instrumentation, special testing, and the provision of eye care in the school system will be discussed. Not open for students enrolled prior to August 2011.

**OPTM 6173 Systematic Pharmacology: Top 40 Medications (1.5 credit hours, graded)**

This course will cover medications commonly prescribed for systemic conditions, their indications and mode of action, as well as their ocular and visual side effects and toxicities. Not open for students enrolled prior to August 2011.

**OPTM 6281 Ocular Disease III: Neurological Disease Diagnosis and Treatment (2.5 credit hours, graded)**

A problem-oriented approach is used to explore the diagnosis and treatment of diseases affecting the visual system, including the optic nerve, facial neuropathy, facial asymmetries including anisocoria, ptosis of neurological etiology, oculomotor, accommodative, sensory, and vergence problems. Practical aspects of neurological evaluation and assessment of the cranial nerves is included in the laboratory portion. Advanced assessment of incomitancy is presented. The rationale and methods for various treatment strategies will be presented. Not open for students enrolled prior to August 2011.

**Page 242**, OPTM 8012 Special Considerations in Pediatrics. Add “Not open to students enrolling after August 2010” at the end of the course description.

**Page 243**: OPTM 8071 Ocular Disease III: Neurological Disease Diagnosis and Treatment. Add “Not open to students enrolling after August 2010” at the end of the course description.

**Page 243**: OPTM 8102 Systemic Pharmacology: Top 40 Medications. Add “Not open to students enrolling after August 2010” at the end of the course description.

**Page 244**: Add the following honors, awards, and scholarships available to OD students:

The college hosts two annual events for presentation of awards and scholarships; Founder’s Day and Honor’s Day. Founder’s Day, held in the early fall, is a unique event to recognize students, faculty and other pioneer’s in the field of optometry. The following student honors, awards, and scholarships are currently presented on Founder’s Day:

- A Tribute to Caring Scholarship
- AOF/Pat Cummings Scholarship
- Founding Dean Scholarship
- The Great Western Council of Optometry Scholarship
- Richmond Products Scholarship
- Walmart Scholarship
- Beta Sigma Kappa (BSK) recognition
- WesternU Eye Care Center Core Values Award
- VOLK Lens Award

Honor’s Day is held each year in the spring and is used to recognize students for their year-long accomplishments. The following student honors, awards, and scholarships are currently presented on Honor’s Day:

- The Hayes-Haine Family Scholarship
- The Dean’s List Award
- The Dean’s Scholarship
- The President’s Society Scholarship
- The Walmart Project ForeSight Scholarship
- Who’s Who Award
- College of Optometry Core Values Award
- College of Optometry Grand Slam Award
- The HOYA House Cup
- The WUCO Basketball Trophy