

Listing of Courses Included in the Curriculum

Color Coding Key:

Optometry only courses

Joint courses

Patient Care

Interprofessional Courses

Rehabilitation Courses

First Year, Fall Semester

IPE 5000 Patient Centered Cases – An Interprofessional Approach I (1.0 credit hour)

This course is offered as part of the college curriculum for all first year, entry level health professional students, and is a university requirement for graduation for all participating college programs. The course is designed to prepare the health care student to practice patient-centered collaborative care through a team approach. Working in small interprofessional teams, students will explore cases representing conditions across the lifespan.

OPTM 5001 Introduction to the Study of Medicine (0.5 credit hour)

This course provides a systematic strategy for the entering student to study medicine. Learning styles and critical thinking skills are evaluated and training on accessing electronic medical resources is given. Students from the optometry program will participate in sessions covering the following topics: professionalism, evaluating the medical literature, self-awareness, learning styles, California Critical Thinking Test, and overview of medical literature resources.

OPTM 5002 Physician and Society (1.5 credit hours)

This course provides an exploration of the role of health care providers in the larger society. The course explores philosophical and ethical issues of health care through its literature and history. The impact of health care on society and of society on health care is explored.

OPTM 5003 Gross Anatomy (2.0 credit hours)

This course presents an understanding of the structure and arrangement of the gross anatomical features of the human body. Through lectures and laboratory examination of cadavers, students are introduced to the language of anatomy and to clinically important relationships. Models, radiographs and special demonstrations are employed to emphasize areas useful to the doctor of optometry.

OPTM 5004 Head and Neck Anatomy (2 credit hours)

Through lecture and laboratory, students are introduced to the anatomy of the head and neck. Particular attention is paid to the cranial nerves, both their normal function and the numerous clinical syndromes that affect them. The anatomy lectures will also be supplemented with various clinical presentations.

OPTM 5005 The Molecular and Cellular Basis of Medicine (10.5 credit hours)

This course presents an integration of molecular biology, biochemistry, cellular physiology and metabolism, introductory genetics and developmental histology within the context of their clinical applications of basic biomedical sciences.

OPTM 5021 Principles and Practice of Optometry I: Vision Screenings (2.5 credit hours)

This course introduces the components of community-based vision screenings. The material presented prepares students to participate in the delivery of patient care. In this course, students acquire knowledge, technical skills, and professional attitudes through lecture and laboratory activities.

OPTM 5022 Principles and Practice of Optometry II: Clerkship and Rehabilitation (3.5 credit hours)

This course introduces additional components of the primary care eye examination including visual acuity measurement, entrance testing, along with patient history taking and a problem oriented approach to clinical reasoning. Entry into ocular health assessment will include an external health evaluation, pupil testing, and an introduction to the direct ophthalmoscope. Strategy of the examination, sequencing, patient communication, and medical record keeping will be included.

OPTM 5031 Ocular Anatomy (2.5 credit hours)

This course presents in depth coverage of the anatomy of the eye, adnexa, and visual systems. Embryological development of these structures will also be covered. Topics include the anatomy of the eyelids, lacrimal apparatus, tear production, cornea and lens, ocular fluid dynamics, retina and optic nerve. Hands on laboratories will include eye dissection and viewing of histological specimens.

OPTM 5032 Ocular Physiology (2.0 credit hours)

This course presents in depth coverage of the physiology of the eye, adnexa, and visual systems. Topics include the physiology of the eyelids, lacrimal apparatus, tear production, cornea and lens, ocular fluid dynamics, retina and optic nerve.

OPTM 5051 Optical Science I: Geometric Optics (2.0 credit hours)

This course presents basic information on geometric optics, including the technique of basic ray tracing. The course emphasizes the basic study of reflection and refraction at plane and curved surfaces, single refracting surfaces, thin lenses, thick lenses, prisms, and spherocylindrical lenses.

OPTM 7001 Patient Care Services I (2.0 credit hours)

Students will spend 4 hours per week for 7 weeks participating in community-based vision screenings. Techniques learned in Principles and Practice of Optometry I will be applied in the delivery of patient care via screenings. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

First Year, Spring Semester

IPE 5100 Patient Centered Cases – An Interprofessional Approach II (1.0 credit hour)

Continuation of IPE 5000.

OPTM 5101 Introduction to Disease, Immunity and Therapeutics (5.0 credit hours)

This is an integrated course introducing microbiology, immunology, pathology, and pharmacology to prepare students for more in-depth study during clinical science courses. Genetics, as related to these disciplines, is also included. Clinical applications of the basic sciences are emphasized.

OPTM 5102 Neuroscience (7.0 credit hours)

This course presents basic understandings of the brain, spinal cord and peripheral nervous system. Basic science topics include embryology, histology, neuroanatomy, biochemistry, physiology and pharmacology as applied to the nervous system. Clinical topics include infections of the nervous system, pathology, neurology, visual systems, otorhinolaryngology, and overviews of sleep disorders, cerebrovascular disorders, aging and dementia.

OPTM 5103 Behavioral Medicine and Psychiatry (2.0 credit hours)

This course presents biological, psychological and social aspects of behavior in relation to the delivery of health care. The course addresses how a patient's behaviors contribute to their health and/or disease. Students from the optometry program will participate in sessions covering the following topics: cultural components of behavior, learning disorders, abuse, neglect, violence and trauma, disabilities.

OPTM 5121 Principles and Practice of Optometry III: Refraction (6.5 credit hours)

*coursework begins in Fall semester with final grade given in Spring

This course builds upon the foundation established in Principles and Practice of Optometry I and II and introduces the fundamental aspects of a refractive sequence. The new techniques will be integrated within the context of the comprehensive eye examination sequence and will introduce students to the clinical thought processes required to diagnose and manage common refractive conditions. Ocular health assessment will continue with basic undilated direct ophthalmoscopy. Strategy of the examination, sequencing, patient communication, and medical record keeping will be included. Work for this course begins in the preceding Fall semester, however, registration and receipt of the final grade occurs in the Spring semester.

OPTM 5141 Vision Science I: Neural Basis of Vision (2.5 credit hours)

This course presents the underlying mechanisms of vision from a neurophysiological perspective, including the construction of representations of the world via neural information processing from retina to tectum and primary visual cortex and to visual areas beyond striate cortex.

OPTM 5151 Optical Science II: Mechanical and Introductory Ophthalmic Optics (1.5 credit hours)

This course presents the theory and application of ophthalmic optics. Lens power measurement, ophthalmic spectacle lens prescription writing, and elementary spectacle lens characteristics are covered. Spectacle frame selection, dispensing, and eyewear adjustment are included.

OPTM 5161 Practice Management I (1.0 credit hour)

*coursework begins in Fall semester with final grade given in Spring

This course starts in the fall semester with a brief series that introduces professionalism. Professional ethics specific to optometric practice will also be emphasized. It continues in the Spring semester, focusing on various modes of optometric practice, including an overview of opportunities for employed positions, group practices, and self-employment. Work in the course begins in the preceding Fall semester, however, registration and receipt of the final grade occurs in the Spring semester.

OPTM 7002 Patient Care Services II (4.0 credit hours)

Students will be assigned to 4 hours per week in the off-campus clinics or optometric practices and in the on-campus clinical facility performing entrance testing and assisting in the optical dispensary service. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Second Year, Fall Semester

IPE 6000 Team Training in Healthcare I (1.0 credit hour)

IPE 6000 will continue to build upon the knowledge from the IPE 5000 series, but will expand upon that knowledge and require the student to learn and apply advanced tools and strategies that are crucial to develop a collaborative healthcare team. The majority of the course is independent study with students engaging in a large scale tabletop activity where they apply team tools necessary to solve a healthcare dilemma.

OPTM 6021 Principles and Practice of Optometry IV: Tissue Evaluation of the Anterior Segment (7.0 credit hours)

As the fourth course in the series, new material will be integrated within the context of the primary care optometric examination. Emphasis will be placed on health assessment of the anterior ocular segment including a variety of techniques of examination. Strategy of the examination, sequencing, patient communication, and medical record keeping will be included. This course covers the use of the slit lamp biomicroscope in depth.

OPTM 6031 Ocular Pharmacology: General Principles (1.0 credit hour)

This course focuses on the pharmacodynamics and pharmacokinetics of agents used for the diagnosis and treatment of ocular conditions. Topics include general principles of drug penetration into the eye and drug elimination from the eye and systemic absorption of medications administered topically to the eye. Principles of drug administration including the use of ophthalmic suspensions and ointments, oral medications, and injectables will be discussed.

OPTM 6041 Vision Science II: Monocular Sensory Aspects of Vision (5.0 credit hours)

This course sets the foundation for the theory and methods of vision testing and visual perception through one eye. It covers concepts including light stimuli, photometry, signal detection, physiological processing of information, and psychophysics. Topics include visual sensitivity, spatial phenomena, modulation transfer function, flicker detection, contrast sensitivity, and visual acuity. Visual perception and the constancy of visual processes such as size and distance perception, form perception, the perception of motion and achromatic color perception are discussed. Electrophysiology of the visual system will be introduced.

OPTM 6042 Vision Science III: Development of Vision (2.0 credit hours)

This course covers the development of and visual function from conception through adolescence. Implications of abnormal development and resulting clinical pathologies are discussed. The physiological and psychological bases of strabismus and amblyopia are presented and reinforced through clinical examples.

OPTM 6043 Vision Science IV: Environmental Vision (1.0 credit hour)

This course furthers the understanding of the interaction between vision and the environment. Topics include ultraviolet radiation, sunglasses and the eye, laser pointers and eye protection, electromagnetic radiation and absorptive lenses, lens coatings and transmission of radiation, illumination and lighting standards, and the effect on productivity and contact lenses in the work environment. Also covered are ANSI standards for ophthalmic lenses, ANSI Standards for safety glasses, ASTM Standards for sports eyewear, and implementation of visual and work area ergonomics to avoid computer vision syndrome.

OPTM 6051 Optical Science III: Geometric Optics – part 2 (2.5 credit hours)

This course completes the presentation of geometric optics. The course emphasizes the study of refraction at complex lens systems, optical instruments, optical aberrations, ray tracing including the presence of pupils, stops and ports.

OPTM 6052 Optical Science IV: Ophthalmic Optics (2.0 credit hours)

This course presents the theory and application of ophthalmic optics. Spectacle lens characteristics and the optics of multi-focal lenses are covered in depth. The optics of contact lenses and magnification systems are also introduced.

OPTM 6053 Optical Science V: Physiological Optics (3.5 credit hours)

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.

OPTM 6071 Ocular Disease I: Diagnosis and Treatment of the Anterior Segment (3.5 credit hours)

This course builds upon the framework presented in the Principles and Practice of Optometry curricular track to present advanced concepts in ocular disease diagnosis and management. The anatomical, physiological, histological, and pathological processes of ocular disease of structures at the front of the eye will be emphasized. Laboratory experience in imaging of the lens and anterior segment will be presented.

OPTM 6091 Service Learning I (1.0 credit hour)

Service Learning I is the first part of a two semester long course providing students with medically-relevant fundamental knowledge related to public health, biostatistics, and epidemiology within the context of a community service project. During the fall semester, students will be prepared to assess specific public health needs within the community in preparation for the hands-on community service project to be performed during the spring semester. As such, the first semester will cover topics such as public health, program planning and design, basic epidemiology, biostatistics, and research methods. The first semester experience will primarily focus on achieving competence in the didactic material and performing independent research to prepare for the spring semester's community-based service project.

OPTM 7003 Patient Care Services III (4.5 credit hours)

Students will be assigned to 4 hours per week of patient care service for two 8-week rotations in the on-campus clinical facility or in off-campus eye care facilities. Student will perform a variety of activities including community-based screenings, technician and paraoptometric testing, initial portions of the

patient eye exam up to their training level. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Second Year, Spring Semester

IPE 6100 Team Training in Healthcare II (1.0 credit hour)

Continuation of IPE 6100.

OPTM 6111 Contact Lenses I: Theory and Practice (5.5 credit hours)

This course introduces the use of contact lenses in primary care optometry. The clinically based approach will include discussion of patient selection for lens wear, selection of appropriate materials, lens design, wearing schedules, and trouble-shooting. Laboratory experience in lens design, lens modifications, contact lens fittings and assessments will prepare students for patient care experiences.

OPTM 6121 Principles and Practice of Optometry V: Tissue Evaluation of the Posterior (5.0 credit hours)

As the fifth course in the series, new material will be integrated within the context of the primary care optometric examination. Emphasis will be placed on health assessment of the posterior ocular segment and the optic disc. This course completes the integration of clinical skills into the complete primary care eye examination. Ocular health assessment including tonometry, gonioscopy, binocular indirect ophthalmoscopy, and techniques for assessing the retina such as the use of the 78D lens, 90D lens, and three-mirror and four-mirror lenses will be emphasized. The diagnosis and management of common ocular health conditions affecting the vitreous and retina and the clinical thought processes for patient care will be incorporated. Strategy of the examination, sequencing, patient communication, and medical record keeping will be included. Work in this course begins in the preceding Fall Semester, however, registration and receipt of the final grade occurs in the Spring Semester.

OPTM 6141 Vision Science V: Behavioral Optometry (4.0 credit hours)

This course covers concepts related to accommodation, binocular vision, and ocular motility. Concepts including the horopter, stereopsis, vision, rivalry, and aniseikonia are covered. The anatomy and physiology of the extraocular muscles, innervations and actions associated with types of eye movements and their control mechanisms are reviewed. Concepts of clinical assessment, diagnosis, and management are introduced. Case examples are used to illustrate key concepts.

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

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.

OPTM 6152 Optical Science VII: Principles of Optical Dispensing and Management (1.0 credit hour)

The course covers the theory and methods of managing an optical dispensary for patient satisfaction and profit. This course includes cases and examples of patients with eye glass concerns. Students will work in small groups to troubleshoot and remediate the needs of the patient through the application of ophthalmic optics formulas and principles.

OPTM 6171 Ocular Disease II: Diagnosis and Treatment of Glaucoma (3.5 credit hours)

This course covers the pathophysiology, diagnosis, treatment and management of patients with all forms of glaucoma, with an emphasis on evidence-based therapeutic interventions. The course includes technique and interpretation of visual fields for glaucoma diagnosis and management. Topical and systemic medical therapies will be emphasized. The course will also discuss current surgical management of various forms of glaucoma. This course fulfills the didactic requirements under the California Regulations for glaucoma licensure.

OPTM 6182 Behavioral Optometry: Diagnosis and Treatment (7.0 credit hours)

This course introduces the common signs and symptoms associated with non-strabismic disorders of the binocular, accommodative, and perceptual systems. Diagnosis, treatment, management and problem solving for common conditions will be introduced. Techniques for vision therapy and vision therapy programming will be discussed. Students will have the opportunity to experience optometric vision therapy treatment first-hand.

OPTM 6191 Service Learning II (0.5 credit hour)

Continuation of OPTM 6091.

OPTM 6192 CPR (0.5 credit hours)

This course covers basic cardiopulmonary resuscitation for adults and children.

OPTM 7004 Patient Care Services IV (4.5 credit hours)

Students will be assigned to 4 hours per week of patient care service for two 8-week rotations in the on-campus facility. Student will perform a variety of activities including community-based screenings, technician and paraoptometric testing, and all components of optometric testing leading up to completion of a comprehensive eye examination by the end of the spring semester. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Second Year, Summer Semester

OPTM 6241 Evidence Based Eye Care (2.0 credit hours)

This course will emphasize the application of published literature to clinical decision making. Students will learn how to select and critique appropriate and relevant information within the context of patient care scenarios. Strategies for informed clinical decision making and for life-long learning will be demonstrated.

OPTM 6261 Practice Management II (2.5 credit hours)

This practical course will bring experts from the fields of marketing, management, finance, and law to help students develop personal strategies for their professional futures. Professional goal-setting, networking, selection of practice location, and leadership will be emphasized.

OPTM 7005 Patient Care Services V (4.5 credit hours)

Students will be assigned to primary eye care services 32 hours per week for 2 weeks in the on-campus facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Third Year, Fall Semester

OPTM 8011 Contact Lenses II: Theory and Practice (4.50 credit hours)

This course builds upon the basic knowledge presented in Contact Lenses 1. Case examples will be used to encourage independent decision making for complicated problems in contact lens fitting. Strategies for specialized contact lenses including keratonic lenses, therapeutic lenses, post-surgical patients and contact lenses for infants will be discussed.

OPTM 8012 Special Considerations in Pediatrics (1.5 credit hours)

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.

OPTM 8013 Special Considerations in Geriatrics (1.5 credit hours)

This course will discuss the changes expected in the visual system associated with the aging process. Diagnosis and treatment of selected refractive conditions, eye diseases, and visual anomalies common in aging adults will be presented. Psychosocial aspects and geriatric case management will be incorporated into case examples. Examination techniques unique to the geriatric patient, including the use of hand-held instrumentation, special testing, and the provision of eye care in long term care facilities will be discussed.

OPTM 8021 Principles and Practice of Optometry VI: Special Procedures (2.5 credit hours)

This course will cover the theory and methods of clinical techniques that build upon basic examination skills acquired during the courses Principles and Practice of Optometry I through V. Clinical techniques including ocular cultures, scleral depression, A- and B-scan ultrasonography, punctal occlusion, punctal dilation and irrigation, removal of foreign bodies from the cornea and conjunctiva, and injection techniques will be presented in a hands-on format. The course will include techniques for imaging of the lens and anterior segment.

OPTM 8071 Ocular Disease III: Neurological Disease Diagnosis and Treatment (2.5 credit hours)

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.

OPTM 8072 Ocular Disease IV: Diagnosis and Treatment of the Posterior Segment (3.5 credit hours)

This course builds upon the framework presented in the Principles and Practice of Optometry curricular track to present advanced concepts in ocular disease management. The anatomical, physiological, histological, and pathological processes of ocular disease will be emphasized. Topics include in-depth discussion of diseases and abnormalities of the vitreous and retina as well as vitreo-retinal pathology

associated with systemic diseases. Laboratory experience in retinal photography and advanced visual field assessment will be presented.

OPTM 8081 Neuro-Optometric Rehabilitation I: Strabismus and Amblyopia (3.5 credit hours)

This course builds on the knowledge and skills developed in the course, Behavioral Optometry Diagnosis and Treatment, and extends the application of that knowledge and those skills to the strabismic disorders and amblyopia. Topics will include differential diagnosis of congenital and acquired strabismus and the etiology and differential diagnosis of amblyopia, as well as a comprehensive presentation of evidence-based treatment options for both strabismus and amblyopia.

OPTM 8082 Neuro-Optometric Rehabilitation II: Patient with Neurological Damage (4.0 credit hours)

This course elaborates on the complexities of optometric care for patients who have suffered neurological impairment from a variety of etiologies. Ocular and visual consequences of neurological disease will be discussed. Perceptual problems associated with dyslexia, reading and learning disabilities, developmental abnormalities, stroke, Alzheimer's disease, and traumatic brain injury will be explored. Co-management and interprofessional communications will be discussed. Tests for cognitive function, memory, and perception will be discussed. Various methods and techniques for rehabilitation will also be presented in a hands-on format.

OPTM 7006 Patient Care Services VI (14.5 credit hours)

Students will be assigned to 12 hours per week of patient care in primary eye care, contact lenses, and vision therapy. Students will assume an increasing role and increasing responsibility for the delivery of patient care. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Third Year, Spring Semester

OPTM 8101 The Eye in Systemic Disease (2.0 credit hours)

This course presents an overview of the most prevalent systemic conditions, and systemic conditions with significant ocular manifestations. Pathophysiology, clinical signs and symptoms, and an overview of diagnostic and management approaches will be presented. Emphasis will be placed on inter-professional communications for management of complex conditions.

OPTM 8102 Systemic Pharmacology: Top 40 Medications (1.5 credit hours)

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.

OPTM 8111 Low Vision Rehabilitation (5.0 credit hours)

This course presents examination techniques and management strategies for people with visual impairments. Principles of optical and non-optical assistive devices and applications of rehabilitative services will be discussed. Psychosocial aspects and interdisciplinary care are included. Evaluation of visual disability and legal aspects of visual impairment will be discussed. The laboratory experience will provide hands-on opportunities to learn about rehabilitation techniques.

OPTM 8121 Patient Presentations in Primary Eye Care (2.5 credit hours)

This course reviews information previously taught in the curriculum but reorganizes it on the basis of patient presentation. Topics include the patient who presents with blurry vision, loss of vision, diplopia, anisocoria, facial asymmetry, eye or head pain, asthenopia, and red eye. The emphasis of the course is on differential diagnostic thought processes and the problem-focused case history. Key questions to ask and formal algorithms for diagnosis will be presented for each presentation.

OPTM 8161 NBEO Review (5.5 credit hours)

This course will cover previously taught material that is relevant to Part I of the National Board of Examiners in Optometry and will include review of factual material as well as sample test items prepared by the course instructor(s).

OPTM 8162 Elective I (1.0 credit hour)

OPTM 8163 Elective II (1.0 credit hour)

OPTM 8191 Service Learning III (1.0 credit hours)

OPTM 7007 Patient Care Services VII (13.50 credit hours)

Students will be assigned to 12 hours per week of patient care in primary eye care, contact lenses, and vision therapy. Students will assume an increasing role and increasing responsibility for the delivery of patient care. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

Fourth Year

OPTM 7008 Patient Care Services VIII (30.0 credit hours)

Students will be assigned to full-time clinical rotations providing patient care in primary eye care, specialty eye care, and rehabilitation. The order of rotations will vary by student assignment and will change every 12 weeks. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

OPTM 7009 Patient Care Services IX (30.0 credit hours)

Students will be assigned to full-time clinical rotations providing patient care in primary eye care, specialty eye care, and rehabilitation. The order of rotations will vary by student assignment and will change every 12 weeks. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

OPTM 7010 Patient Care Services X (30.0 credit hours)

Students will be assigned to full-time clinical rotations providing patient care in primary eye care, specialty eye care, and rehabilitation. The order of rotations will vary by student assignment and will change every 12 weeks. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

OPTM 7011 Patient Care Services XI (30.0 credit hours)

Students will be assigned to full-time clinical rotations providing patient care in primary eye care, specialty eye care, and rehabilitation. The order of rotations will vary by student assignment and will change every 12 weeks. Assignments may be made at the on-campus clinical facility or in affiliated clinical sites. Students will be supervised by licensed optometrists who are faculty or auxiliary clinical faculty members.

OPTM 8261 Practice Management III: How to Make a Living as an Optometrist (3.5 credit hours)