DOCTOR OF OPTOMETRY (OD)

Mission

To inspire and educate future doctors of optometry to provide collaborative, evidence-based, ethical, and equitable health care that reflects the evolving practice of optometry, and to be leaders in the community and profession.

Program Overview

The Doctor of Optometry is a four-year academic program that prepares graduates to deliver contemporary eye, vision, and health care as an integral member of the primary care health team.

During the first year, students are introduced to clinical techniques and the basic biomedical and vision sciences.

The second year emphasizes advanced studies in clinical techniques, biomedical, and visual sciences. Students begin seeing their first patients at Ketchum Health, the University's eye and health center.

Third-year students have patient care assignments at Ketchum Health and take courses in contact lenses, vision therapy, treatment and management of diseases of the eye, clinical medicine, and public health.

The final year is primarily spent serving patients in the various facilities of the outreach clinical program and within the University operated Ketchum Health Network. The Ketchum Health Network consists of a variety of clinical experiences and services located in the Los Angeles and Orange counties. The mission of the Southern California College of Optometry's outreach clinical programs is to deliver the highest quality patient care and service and to educate clinicians in the art and science of optometry in diverse patient care delivery environments.

The degree of Doctor of Optometry will be conferred on students who are officially admitted to, and who satisfactorily complete, the four-year professional curriculum in optometry. Satisfactory completion of the SCCO program will qualify the graduate to apply for licensure in each of the 50 states, select U.S. territories, and Canada.¹

¹ Each state (https://www.aoa.org/advocacy/state/state-boardsof-optometry/?sso=y) / U.S. territory (Puerto Rico (https:// www.salud.pr.gov/CMS/474/), American Samoa (https://asbar.org/ regulation/31-0424-additional-qualifications/), Guam (https:// guamhplo.org/gbeo/), US Virgin Islands (https://doh.vi.gov/programs/ office-of-professional-licensure-and-health-planning/), Northern Mariana Islands (https://www.cnmilicensing.gov.mp/health-careprofessions-licensing-board/)) / province (https://oebc.ca/resources/ provincial-regulators-members/) has its own requirements for licensure. Candidates for licensure should refer to the individual state/ U.S. territory / province requirements.

Admissions

The Southern California College of Optometry is committed to accepting a diverse group of qualified individuals from a variety of backgrounds and experiences in accordance with MBKU's Nondiscrimination Statement (https://catalog.ketchum.edu/university-catalog/introduction/ compliance-statement/).

Criteria

Functional Guidelines for Didactic and Clinical Optometric Education

The functional guidelines in optometric education require that the candidate/student possess appropriate abilities in the following areas:

- 1. observation;
- 2. communication;
- 3. sensory and motor coordination;
- 4. intellectual-conceptual, integrative, and quantitative abilities; and
- 5. behavioral and social attributes.

Each of these areas is described below:

Observation Abilities

The student must be able to acquire a defined level of required knowledge as presented through lectures, laboratories, demonstrations, patient interaction, and self-study. Acquiring this body of information necessitates the functional use of visual, auditory, and somatic sensation enhanced by the functional use of other sensory modalities. Examples of these observational skills in which accurate information needs to be extracted in an efficient manner include:

Visual Abilities

(as they relate to such things as visual acuity, color vision, and binocularity)

- Visualizing and reading information from papers, films, slides, video and computer displays
- Observing optical, anatomic, physiologic, and pharmacologic demonstrations and experiments
- Discriminating microscopic images of tissue and microorganisms
- · Observing a patient and noting non-verbal signs
- Discriminating numbers, images, and patterns associated with diagnostic tests and instruments
- Visualizing specific ocular tissues in order to discern threedimensional relationships, depth, and color changes

Auditory Abilities

- Understanding verbal presentations in lecture, laboratory, and patient settings
- Recognizing and interpreting various sounds associated with laboratory experiments as well as diagnostic and therapeutic procedures

Tactile Abilities

- Palpating the eye and related areas to determine the integrity of the underlying structures
- · Palpating and feeling certain cardiovascular pulses

Communication Abilities

The student must be able to communicate effectively, efficiently, and sensitively with patients and their families, peers, staff, instructors, and other members of the health care team. The student must be able to demonstrate established communication skills using traditional and alternative means. Examples of required communications skills include:

• Relating effectively and sensitively to patients, conveying compassion and empathy

- Perceiving verbal and non-verbal communication such as sadness, worry, agitation, and lack of comprehension from patients
- Eliciting information from patients and observing changes in mood and activity
- Communicating quickly, effectively, and efficiently in oral and written English with patients and other members of the health care team
- Reading and legibly recording observations, test results, and management plans accurately
- Completing assignments, patient records, and correspondence accurately and in a timely manner

Sensory and Motor Coordination Abilities

Students must possess the sensory and motor skills necessary to perform an eye examination, including emergency care. In general, this requires sufficient exteroception sense (touch, pain, temperature), proprioceptive sense (position, pressure, movement, stereognosis, and vibratory), and fine motor function (significant coordination and manual dexterity using arms, wrists, hands, and fingers).

Examples of skills required include but are not limited to:

- Instillation of ocular pharmaceutical agents
- · Insertion, removal, and manipulation of contact lenses
- Assessment of blood pressure and pulse
- · Removal of foreign objects from the cornea
- Simultaneous manipulation of lenses, instruments, and therapeutic agents and devices
- · Reasonable facility of movement
- · Injections into the eye, lids, or limbs

Intellectual-Conceptual, Integrative and Quantitative Abilities

Problem-solving, a most critical skill, is essential for optometric students and must be performed quickly, especially in emergency situations. In order to be an effective problem solver, the student must be able to accurately and efficiently utilize such abilities as measurement, calculation, reasoning, analysis, judgment, investigation, memory, numerical recognition, and synthesis. Examples of these abilities include being able to:

- Determine appropriate questions to be asked and clinical tests to be performed
- Identify and analyze significant findings from history, examination, and other test data
- Demonstrate good judgment and provide a reasonable assessment, diagnosis, and management of patients
- · Retain, recall, and obtain information in an efficient manner
- Identify and communicate the limits of one's knowledge and skill

Behavioral and Social Attributes

The student must possess the necessary behavioral and social attributes for the study and practice of optometry. Examples of such attributes include:

- Satisfactory emotional health required for full utilization of one's intellectual ability
- · High ethical standards and integrity
- · An empathy with patients and concern for their welfare

- · Commitment to the optometric profession and its standards
- Effective interpersonal relationships with patients, peers, and instructors
- Professional demeanor
- Effective functioning under varying degrees of stress and workload
- · Adaptability to changing environments and uncertainties
- · Positive acceptance of suggestions and constructive criticism

It is our experience that a number of individuals with disabilities, as defined by Section 504 of the Rehabilitation Act and the Americans with Disabilities Act, are qualified to study and work as health care professionals and scientists with the use of reasonable accommodations. To be qualified for health sciences programs at MBKU those individuals must be able to meet both our academic standards and the technical standards, with or without reasonable accommodations.

For further information regarding services and resources for students with disabilities and/or to request accommodations, please visit the Students (https://my.ketchum.edu/ICS/Students/ Students.jnz?portlet=Free-form_Content_2017-09-26T14-01-38-902) tab of the portal and/or contact the University Student Affairs (studentaffairs@ketchum.edu).

Prerequisites

Academic requirements for admission to SCCO are based on standards set by the California State Board of Optometry, the accrediting bodies, and the judgment of the Admissions Policy Committee. To be considered as a candidate for admission to the professional OD program, a fouryear baccalaureate degree is recommended but not required. Applicants who complete a minimum of 90 semester or 135 quarter credit hours of undergraduate study will qualify for admission. To be eligible to apply, the applicant must be on track to complete the required credit hours or degree by the end of the summer term that precedes fall matriculation.

The following minimum prerequisite courses must be completed with a C- or better at a regionally accredited college or university in the U.S. or Canada:

Applicants who are not U.S. citizens or permanent U.S. residents must submit a certified bank statement showing their ability to pay for the first year of education prior to an I-20 form being issued for immigration purposes.

2 semester courses or 3 quarter courses:

• General Biology or Zoology (no lab required)

2 semester courses or 2 quarter courses:

English Composition or Literature (writing intensive courses are acceptable)

2 semester courses or 3 quarter courses:

- General Physics (one-year sequence, including labs)
- · General Chemistry (one-year sequence, including labs)

1 semester course or 1 quarter course in each of the following (minimum of 3 credit hours for each course):

- Calculus (analytic geometry/calculus also acceptable)
- · General Microbiology or Bacteriology (including lab)

- Human Anatomy (no lab required) or Human Physiology (no lab required) or a combination of Human Anatomy and Physiology (no lab required)
- Organic Chemistry (no lab required)
- · Biochemistry (no lab required)
- Psychology
- Statistics

Advanced Placement (AP) courses or IB (International Baccalaureate) courses for the prerequisite requirements will be accepted, provided the course content aligns with that of the prerequisite requirement.

Procedures

The number of applicants for admissions to SCCO regularly exceeds the number of available spaces. SCCO, as a regional and national resource, receives applications from nearly every state in the nation.

All first time applicants, re-applicants and those who have been previously enrolled in another optometry program must apply through the centralized service OptomCAS at www.optomcas.org (http:// www.optomcas.org/). Applicants must follow the instructions on how to complete the application, submit transcripts and submit letters of recommendation. In addition, SCCO's supplemental application is located on the OptomCAS site and may be completed after selecting SCCO as a program to receive the application. The SCCO supplemental application fee is \$50. Applicants will receive an automatic notification of how to pay the supplemental application fee once the application is received from OptomCAS.

The official SCCO application period is July 1 (the first day of the OptomCAS cycle) through March 15. Applicants must submit both their application and college transcripts to OptomCAS by March 15.

Standardized test scores are a mandatory application requirement. While the OAT (https://oat.ada.org/) is the preferred standardized test, SCCO accepts the MCAT (https://students-residents.aamc.org/ register-mcat-exam/register-mcat-exam/) or DAT (https:// www.ada.org/education/testing/exams/dental-admission-test-dat/? gad_source=1&gclid=CjwKCAjwwLO_BhB2EiwAx2e-37YktDKFKymmyw7xF1 Applicants designate SCCO as the recipient of OAT scores, and they are automatically downloaded into the OptomCAS application. The website for the OAT program is: www.ada.org/en/oat (https://www.ada.org/en/ oat/). For standardized scores other than the OAT, it is the applicant's responsibility to authorize the release and submission of these scores to SCCO. The last test date for all standardized test scores that will be accepted is March 15.

A nonrefundable Matriculation Deposit of \$1500 is required to matriculate with the incoming class. The full \$1500 deposit will be credited to the Fall Quarter tuition upon their enrollment. If you are admitted before May 1, you have the option to pay this fee in one of two ways; as one full deposit, or in three \$500 installments. Anyone admitted after May 1 must pay the full deposit within 1 week of acceptance.

Accepted candidates who have not completed all course prerequisites at the time of application must do so before beginning studies at SCCO.

Send a request for more information on the application and interview process to ODadmissions@ketchum.edu.

Process

Once applications are received, it is SCCO's responsibility to select those applicants who are best qualified to make a contribution to the public

and profession and who will benefit most from the optometric education program. The decision for admission is based on the applicant's ability, scholarship, character, and motivation.

Once an application is submitted to OptomCAS, it takes approximately 2-3 weeks for OptomCAS to verify the application and release it to SCCO. Once we receive the application, applicants are given the ability to pay the \$50 Supplemental Fee, which initiates the process of evaluation. OAT scores are automatically processed and become available from the testing center within three weeks after the exam. The admissions procedure begins with a screening of each applicant's scholastic qualifications including the college record and the OAT scores. The goal is to select students who are academically capable of completing the Doctor of Optometry program.

Next, the applicant's personal qualifications are reviewed, since the study and practice of optometry requires great responsibility, maturity, ethics, devotion, intellectual curiosity, and social commitment. Letters of recommendation, essays, and extracurricular activities are evaluated. Candidates will be invited to campus for interviews dependent upon their academic and professional potential credentials. Interviews will begin in the fall and will be completed early in the spring. The interview enables SCCO and the applicant to learn more about each other. Additionally, the interview process endeavors to appraise such personal qualities as responsiveness, warmth, social situation adjustment, the communication of clear and concise ideas, maturity, and career motivation. Should an applicant successfully interview, a provisional acceptance is offered pending the successful completion of a routine criminal background check.

OD/MS Program

SCCO offers a combined OD/MS dual degree program. Once students have been successfully accepted into the OD program and completed all matriculation requirements including the full \$1500 matriculation deposit, they are eligible to apply for the MS program to then complete the degrees concurrently. First year OD students must submit their application to the MS program by the end of the 8th week of the Fall quarter.

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The Southern California College of Optometry does not accept transfer students or offer advanced standing under any circumstances. All applicants to our program must apply through OptomCAS and complete the entire four-year program.

Tuition

2025–26 Tuition, Doctor of Optometry Program

Annual Tuition & Fees	Full- Time Tuition	Class Fee	Mandat Equipm & Materia	Student Governi Fee	Clinic Fee	Board Prep Fee	Gradua Fee	Total Annual Tuition and Fees	
Class of 2026	\$53,250) .\$40 5.00	\$50.00	\$70.00	N/A	N/A	160.00	\$53,575.0)0
Class of 2027	\$53,250	\$45.00	83.00	\$70.00	N/A	N/A	N/A	\$53,448.0)0
Class of 2028	\$53,250) .\$40 5.00	\$1,908.	7\$\$70.00	N/A	N/A	N/A	\$55,273.7	'8
Class of 2029	\$53,250	\$45.00	\$7,810.	\$70.00	N/A	N/A	N/A	\$61,175.3	}4

Quarterly Tuition & Fees	Summer	Fall	Winter	Spring	Total Tuition and Fees
Class of 2026	\$13,362.50	\$13,427.50	\$13,312.50	\$13,472.50	\$53,575.00
Class of 2027	\$13,362.50	\$13,427.50	\$13,312.50	\$13,345.50	\$53,448.00
Class of 2028	NA	\$18,501.26	\$18,386.26	\$18,386.26	\$55,273.78
Class of 2029	NA	\$20,468.44	\$20,353.45	\$20,353.45	\$61,175.34

Tuition for returning students enrolled less than full time

Fee	Amount
Tuition (less than full-time) per credit hour	945.62
Fees	
Fee	Amount
Annual Parking fee (optional)	\$365.00

While the occasion has not previously presented itself, the MBKU Board of Trustees does reserve the right to change tuition and fees or to establish additional fees for special features or services if deemed necessary.

Curriculum

Course	Title	Hours
First Year		
Fall Quarter		
BVS 511	Applied Biomedical Science	3.00
BVS 540	Optics I	5.00
CLE 590A	Optometric Clinical Service IA	0.25
CLS 560	Clinical Methods I	4.50
IPE 401A	Professional Ethics	0.75
IPE 406A	IDEAs in Healthcare	0.75
BVS 860	Research Elective	0
	Hours	14.25
Winter Quarter		
BVS 530	Ocular Anatomy and Physiology I	5.00
BVS 541	Optics II	5.00
BVS 554	Visual Optics	3.00
CLE 590B	Optometric Clinical Service IB	0.25
CLS 561	Clinical Methods II	4.50
IPE 403A	Population and Public Health	2.00
	Hours	19.75
Spring Quarter		
BVS 513	Neurophysiology	4.50
BVS 515	Pharmacology I	3.00
BVS 531	Ocular Anatomy and Physiology II	3.00
BVS 542	Ophthalmic Optics I	3.00
BVS 555	Visual Psychophysics	3.50
CLE 590C	Optometric Clinical Service IC	0.25
CLS 660A	Ocular Health Procedures IA	3
	Hours	20.25

Second Year		
Fall Quarter		
BVS 616	Pharmacology II	2.00
BVS 640	Ophthalmic Optics II	3.00
BVS 656	Sensory Vision	3.75
CLE 690	Optometric Clinical Service III	0.75
CLS 660B	Ocular Health Procedures IB	3.00
CLS 661	Case Analysis and Prescribing I	2.00
CLS 664A	Ocular Disease Diagnosis & Mgmt IA	2.00
CLS 670	Cornea and Contact Lenses I	4.00
	Hours	20.5
Winter Quarter		
BVS 655	Binocular Vision & Space Perception	2.50
CLS 402	Evidence-Based Practice	2.00
CLE 691	Optometric Clinical Service IV	1.00
CLS 662	Case Analysis and Prescribing II	2.00
CLS 663	Ocular Health Procedures II	3.50
CLS 664B	Ocular Disease Diagnosis & Mgmt IB	2.00
CLS 671	Cornea and Contact Lenses II	3.50
	Hours	16.5
Spring Quarter		
BVS 618	Pharmacology IV	2.00
CLE 692	Optometric Clinical Service V	1.00
CLS 632	Ocular Disease III: Vitreo-Retinal	3.00
CLS 665	Case Analysis and Prescribing III	2.00
CLS 672	Mgmt Non-Strab Binocular Vision Cnd	3.50
	De l'attrite Outernettere	
CLS 760	Pediatric Optometry	2.00
CLS 760 CLS 770	Cornea and Contact Lenses III	2.00 3.25
CLS 760 CLS 770	Cornea and Contact Lenses III Hours	2.00 3.25 16.75
CLS 760 CLS 770 Third Year	Cornea and Contact Lenses III Hours	2.00 3.25 16.75
CLS 760 CLS 770 Third Year Fall Quarter	Cornea and Contact Lenses III Hours	2.00 3.25 16.75
CLS 760 CLS 770 Third Year Fall Quarter CLE 791	Cornea and Contact Lenses III Hours Optometric Clinical Service VII	2.00 3.25 16.75 3.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721	Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II	2.00 3.25 16.75 3.50 4.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A	Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA	2.00 3.25 16.75 3.50 4.00 2.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772	Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag	2.00 3.25 16.75 3.50 4.00 2.00 4.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter	Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 722	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50 2.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 722 CLS 722 CLS 763B	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50 2.50 2.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 722 CLS 763B CLS 774	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Optometric Clinical Service VIII Optometric Clinical Service VIII Opthha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50 2.50 2.00 4.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 763B CLS 774 CLS 773	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50 2.50 2.00 4.00 3.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 722 CLS 763B CLS 774 CLS 773	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours	2.00 3.25 16.75 3.50 4.00 2.00 4.50 14 3.50 2.50 2.00 4.00 3.00 15
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 763B CLS 774 CLS 773 Spring Quarter	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.50 2.00 4.00 3.00 15
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.50 2.00 4.00 3.00 15 3.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Optometric Clinical Service IX	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.50 2.00 4.00 3.00 15 3.50 2.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723 CLS 765	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Optometric Clinical Service IX Optometric Clinical Service IX Ophthalmic Surgery Ocular Disease Case Management	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.00 4.00 3.00 15 3.50 2.50 1.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723 CLS 765 CLS 775	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Ophthalmic Surgery Ocular Disease Case Management Cornea and Contact Lenses IV	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.50 2.00 4.00 3.00 15 3.50 2.50 1.00 1.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723 CLS 725 CLS 775 CLS 782	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Optometric Clinical Service IX Ophthalmic Surgery Ocular Disease Case Management Cornea and Contact Lenses IV Health Promotion	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.50 2.00 4.00 3.00 15 3.50 2.50 1.00 1.50 1.00
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723 CLS 765 CLS 775 CLS 782 CLS 784	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Optometric Clinical Service IX Optometric Clinical Service IX Optometric Clinical Service IX Optometric Clinical Service IX Ophthalmic Surgery Ocular Disease Case Management Cornea and Contact Lenses IV Health Promotion Business & Career Management II	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.00 4.00 3.00 3.00 15 3.50 2.50 1.00 1.50 1.00 1.50
CLS 760 CLS 770 Third Year Fall Quarter CLE 791 CLS 721 CLS 763A CLS 772 Winter Quarter CLE 792 CLS 763B CLS 774 CLS 773 Spring Quarter CLE 793 CLS 723 CLS 723 CLS 725 CLS 755 CLS 784 IPE 404A	Pediatric Optometry Cornea and Contact Lenses III Hours Optometric Clinical Service VII Clinical Medicine II Ocular Disease Diag & Mgmt IIIA Strabismus & Amblyopia Diag Hours Optometric Clinical Service VIII Ophtha Lasers, Injection & Med Dia Ocular Disease Dia & Mgmt IIIB Low Vision Rehabilitation Strabismus & Amblyopia Mgmt Hours Optometric Clinical Service IX Ophthalmic Surgery Ocular Disease Case Management Cornea and Contact Lenses IV Health Promotion Business & Career Management II Interprofessional Case Conferences	2.00 3.25 16.75 3.50 4.00 2.00 4.50 2.00 4.00 3.00 15 3.50 2.50 1.00 1.50 1.00 1.50 0.75

Summer	Quarter
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	Total Hours	219.25
	Hours	54
CLE 894	Outreach Clinical Service III	12.00
CLE 893	Outreach Clinical Service II	12.00
CLE 892	Outreach Clinical Service I	12.00
CLE 891	Optometric Clinical Service X	12.00
CLE 890	Clinical Seminars	4.00
CLS 885A & CLS 885B & CLS 885C & CLS 885D	Business & Career Management IIIA and Business & Career Management IIIB and Business & Career Management IIIC and Business & Career Management IIID	2
All Quarters		
Fourth Year		
	Hours	16.5
CLS 783	Business & Career Management I	2.00
CLS 771	Vision, Perception and Learning	4.00
CLS 762A	Ocular Disease Diag & Mgmt IIA	3.00
CLS 720	Clinical Medicine I	4.00
CLE 790	Optometric Clinical Service VI	3.50

Graduation Requirements

A student will be recommended for the degree of Doctor of Optometry, provided the candidate:

- · Has completed all prescribed academic requirements;
- Is not on academic probation, has a cumulative grade point average of 2.50 or higher, has no outstanding grade which is incomplete, and has a passing grade for all clinical rotations;
- · Settles all financial accounts with the University.

The degree will not be conferred and the diploma will not be issued until all graduation requirements are met.

If a student has not met all graduation requirements, the student may be eligible to walk through and participate in the graduation ceremony with their class, if approved by the Dean.

Note on licensure: Meeting the graduation requirements for the OD degree at the Southern California College of Optometry at Marshall B. Ketchum University does not guarantee eligibility for state licensure. Some states have specialized curricular requirements for licensure, and students are advised to check with the Optometry Board in states of possible residency for licensure requirements.

The Southern California College of Optometry reserves the right to make changes to the academic requirements, teaching modality, and required schedule at any point to ensure that all competencies and objectives are being met by optometry students.

Commencement Awards

Latinized honors are accorded to those students who have excelled scholastically on the following basis:

Latin Honor	GPA
Summa Cum Laude	3.80 - 4.00
Magna Cum Laude	3.60 - 3.79
Cum Laude	3.50 - 3.59

Required Courses

Code	Title	Hours
BVS 511	Applied Biomedical Science	3.00
BVS 513	Neurophysiology	4.50
BVS 515	Pharmacology I	3.00
BVS 530	Ocular Anatomy and Physiology I	5.00
BVS 531	Ocular Anatomy and Physiology II	3.00
BVS 540	Optics I	5.00
BVS 541	Optics II	5.00
BVS 542	Ophthalmic Optics I	3.00
BVS 616	Pharmacology II	2.00
BVS 617	Pharmacology III	2.00
BVS 618	Pharmacology IV	2.00
BVS 640	Ophthalmic Optics II	3.00
BVS 655	Binocular Vision & Space Perception	2.50
CLE 590A	Optometric Clinical Service IA	0.25
CLE 590B	Optometric Clinical Service IB	0.25
CLE 590C	Optometric Clinical Service IC	0.25
CLE 690	Optometric Clinical Service III	0.75
CLE 691	Optometric Clinical Service IV	1.00
CLE 692	Optometric Clinical Service V	1.00
CLE 790	Optometric Clinical Service VI	3.50
CLE 791	Optometric Clinical Service VII	3.50
CLE 792	Optometric Clinical Service VIII	3.50
CLE 793	Optometric Clinical Service IX	3.50
CLE 890	Clinical Seminars	4.00
CLE 891	Optometric Clinical Service X	12.00
CLE 892	Outreach Clinical Service I ¹	12.00
CLE 893	Outreach Clinical Service II ¹	12.00
CLE 894	Outreach Clinical Service III ¹	12.00
CLS 560	Clinical Methods I	4.50
CLS 561	Clinical Methods II	4.50
CLS 632	Ocular Disease III: Vitreo-Retinal	3.00
CLS 660A	Ocular Health Procedures IA	3.00
CLS 660B	Ocular Health Procedures IB	3.00
CLS 661	Case Analysis and Prescribing I	2.00
CLS 662	Case Analysis and Prescribing II	2.00
CLS 663	Ocular Health Procedures II	3.50
CLS 664A	Ocular Disease Diagnosis & Mgmt IA	2.00
CLS 664B	Ocular Disease Diagnosis & Mgmt IB	2.00
CLS 665	Case Analysis and Prescribing III	2.00
CLS 670	Cornea and Contact Lenses I	4.00
CLS 671	Cornea and Contact Lenses II	3.50
CLS 672	Mgmt Non-Strab Binocular Vision Cnd	3.50
CLS 720	Clinical Medicine I	4.00
CLS 721	Clinical Medicine II	4.00
CLS 722	Ophtha Lasers, Injection & Med Dia	2.50
CLS 723	Ophthalmic Surgery	2.50
CLS 760	Pediatric Optometry	2.00
CLS 762A	Ocular Disease Diag & Mgmt IIA	3.00
CLS 763A	Ocular Disease Diag & Mgmt IIIA	2.00
CLS 763B	Ocular Disease Dia & Mgmt IIIB	2.00

CLS 765	Ocular Diesease Case Management	1.00
CLS 770	Cornea and Contact Lenses III	3.25
CLS 771	Vision, Perception and Learning	4.00
CLS 772	Strabismus & Amblyopia Diag	4.50
CLS 773	Strabismus & Amblyopia Mgmt	3.00
CLS 774	Low Vision Rehabilitation	4.00
CLS 775	Cornea and Contact Lenses IV	1.50
CLS 782	Health Promotion	1.00
CLS 783	Business & Career Management I	2.00
CLS 784	Business & Career Management II	1.50
CLS 885A	Business & Career Management IIIA	0.50
CLS 885B	Business & Career Management IIIB	0.50
CLS 885C	Business & Career Management IIIC	0.50
CLS 885D	Business & Career Management IIID	0.50
IPE 401A	Professional Ethics	0.75
IPE 403A	Population and Public Health	2.00
IPE 404A	Interprofessional Case Conferences	0.75
IPE 406A	IDEAs in Healthcare	0.75

The fourth professional year is designed to promote continued development of the student's emerging clinical problem-solving abilities. The focus is on higher order cognitive thought processing such as analysis and evaluation, rather than basic levels of knowledge and comprehension. The instruction material is designed to advance the student's content knowledge beyond the first three years through challenging patient care problems that highlight or emphasize differential diagnosis, management decisions, referral decisions and follow-up, as well as address newer techniques and procedures for diagnosis and management. The outreach clinical programs provide students with comprehensive clinical education in the diagnosis, management and treatment of conditions of the visual system. Patient groups served are diverse in age, race, culture, socioeconomic level and health delivery systems. Patient care is provided in various settings including optometric and co-management centers; Department of Veterans Affairs centers; military; public health and USPH Indian Health clinics; medical ambulatory clinics; community health centers; and general and specialty hospitals. Under direct supervision of licensed optometric faculty, students provide fullscope optometric care in specialty clinics. Interdisciplinary team training in vision rehabilitation and primary care educates students for the role of optometrists as vital members of the health care team. Advanced clinical instrumentation and both diagnostic and therapeutic pharmaceutical agents are utilized, in all clinical care settings, under the direct supervision of licensed optometric faculty and/or boardcertified ophthalmologists.

To offer fourth-year students a wide variety of clinical educational experiences, SCCO has approximately 65 outreach clinical program affiliations with various military, public health, Department of Veterans Affairs, low vision rehabilitation, developmental/pediatric clinics, comanagement clinics, inter-professional clinics and private practices. The clinics are located throughout the U.S., with the majority located west of the Mississippi River, as well as international sites located in Japan. These clinical programs are operated in conjunction with a number of independent, local, state and federal agencies.

Students select their outreach assignments at the early in the third professional year, which allows sufficient time for planning.

Elective Courses

Code	Title	Hours
BVS 801	Nutrition and Preventative Health	1.00
CLS 802	I and A of Imaging Technology	2.00
CLS 803	Geriatric Optometry	2.00
CLS 805	Effect Learning Strategies Optom	1
IPE 400A	Medical Spanish	2.00

Scholarships and Awards

Each year more than 150 Fall scholarships and Spring awards totaling more than \$500,000 are awarded to qualified optometry students at MBKU. These awards are made possible by philanthropic benefactors through gifts of private support to SCCO. Fall scholarships and spring awards recognize and honor students who have achieved excellence in academics, clinical skills, research, leadership, and service or have financial need. Recipients of scholarships and awards are selected by the SCCO Scholarship Committee. Scholarship opportunities are available for all students through an application process. All scholarship awards are applied to the recipient's financial aid package through the department of Financial Aid.

Residency Programs

The mission of the Department of Residency Programs of SCCO at MBKU is to establish, promote and support postgraduate residency training. Residency programs are uniquely designed to advance intellectual knowledge and enhance the clinical expertise of residents through excellence in patient care, scholarly activity, and research.

SCCO at MBKU has residency programs that cover the areas of Cornea & Contact Lenses, Low Vision Rehabilitation, Neuro-Optometry, Ocular Disease, Primary Care, and Pediatric Optometry/Vision Therapy. There are currently 58 residency positions within 26 programs in the areas of health management organization, Indian Health Service, multi-disciplinary settings, private-practice settings, on-campus programs, and Veteran's Affairs. For detailed information regarding residency programs, please visit our website: ketchum.edu/optometry/academics/residencyprograms (https://ketchum.edu/optometry/academics/residencyprograms/).

These one-year accredited postdoctoral programs are focused on training our residents to attain advanced competencies through direct patient care with exceptional clinical management experiences, teaching opportunities, and didactic/scholarship activities. All programs are structured in accordance with the guidelines of the AOA's Accreditation Council on Optometric Education (https://theacoe.org/programdirectories/) and are fully accredited or provisionally accredited during the inaugural year. All residents receive a stipend, liability coverage, and various benefits depending on the specific program.