



Vision For Your Future

- Ketchum Health: MBKU's Interprofessional Health Care Center
- Focus on Technology
- IPE: The Future is Expecting Us
- A Day in the Life of an SCCC Student

SOUTHERN
CALIFORNIA
COLLEGE OF
OPTOMETRY

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MBKU's Mission

Our mission is to educate caring, inspired health care professionals who are prepared to deliver collaborative, patient-centric health care in an interprofessional environment.

SCCO
—at—
MBKU

SCCO's Missions

To educate today's minds to provide tomorrow's eye, vision and health care.

Our mission is excellence in patient care, clinical education, and research.





"Southern California College of Optometry fosters a fun, positive learning environment. I enjoy coming to school each day and my classmates are more than just classmates—they're lifelong friends."

2nd Year Student



WHY SOCO? Marshall B. Ketchum University

We seek to reimagine the future of health care education.

Marshall B. Ketchum University is Southern California's newest health care education institution. Built upon the esteemed reputation and heritage established by the *Southern California College of Optometry* — one of the oldest colleges of optometry in the country — the University strives to create an environment to provide a broader scope of experience and encourage interprofessional relationships for our students.



Kevin L. Alexander, OD, PhD
University President

The University was named after SCCO's founder: *Marshall B. Ketchum* — pharmacist, medical doctor, and passionate advocate for optometry. His innovative approach to interprofessional health care education captures the spirit of our University's purpose and mission; we are proud to have him as the namesake for this reputable and inspired institution.

MBKU launched into the future of interprofessional education and collaborative, team-based patient care by adding 2 additional programs. The College of Pharmacy began Fall 2016 (pending accreditation). MBKU's School of Physician Assistant Studies graduated its first class in Fall 2016.



Stanley Woo, OD, MS, MBA
Dean, Southern California
College of Optometry

Ketchum Health





Ketchum Health is a multi-disciplinary health care center for community patients offering optometry, general medical practice, and pharmacy services.

Ketchum Health provides our students a place where they learn together as a team so they will know how to work together as a team.

Dr. Marshall B. Ketchum's vision for advancement of health care professions by providing the best training possible has been a source of excellence for this university since 1904.

"With Ketchum Health, we will be able to further prepare our students for the interprofessional model of care that we see today, and continue that legacy of excellence." *President Dr. Kevin Alexander*



Clinical Research & Work Study

Through work study, SCCO students have the opportunity to serve in many different capacities within the clinic. Valuable experience is gained through departmental aid/assistant positions, as well as research assistants for the many research projects implemented by clinical faculty. With patients' consent, students utilize patient cases to further their knowledge of visual and eye health problems and treatments.





Cornea & Contact Lens

The Stein Family Cornea and Contact Lens Center has nationally recognized clinical faculty who are dedicated to excellence in optometric education and patient care.

- SCCO's Contact Lens Residency Program is one of the most competitive programs in the country.
- Students gain experience with therapeutic and preventative treatments: bifocal contact lens fitting, corneal reshaping/keratoconus, pediatric contact lenses, post-surgical & irregular cornea contact lens fittings, and prosthetic eye services.
- This unit also includes The Dry Eye Institute, which specializes in advanced diagnosis and management of dry eye through in-depth testing, evaluation of tear film, and treatment tailored to each patient's needs.



Ocular Disease

The Ophthalmology Consultation/Chronic Care Service provides SCCO students direct hands-on experience.

- Exposure to diseases and disorders affecting the eye either directly (glaucoma, macular degeneration, retinal detachment, cataracts, etc.) or indirectly (diabetic maculopathy/retinopathy, hypertensive retinopathy, connective and rheumatic disorders, etc).
- Students work with faculty or ophthalmologists to provide medical therapeutic intervention, minor surgical intervention, and/or laser intervention.
- Students use their clinical lab training and provide most of the patient care themselves under the supervision of the Chronic Care faculty member or attending ophthalmologist.

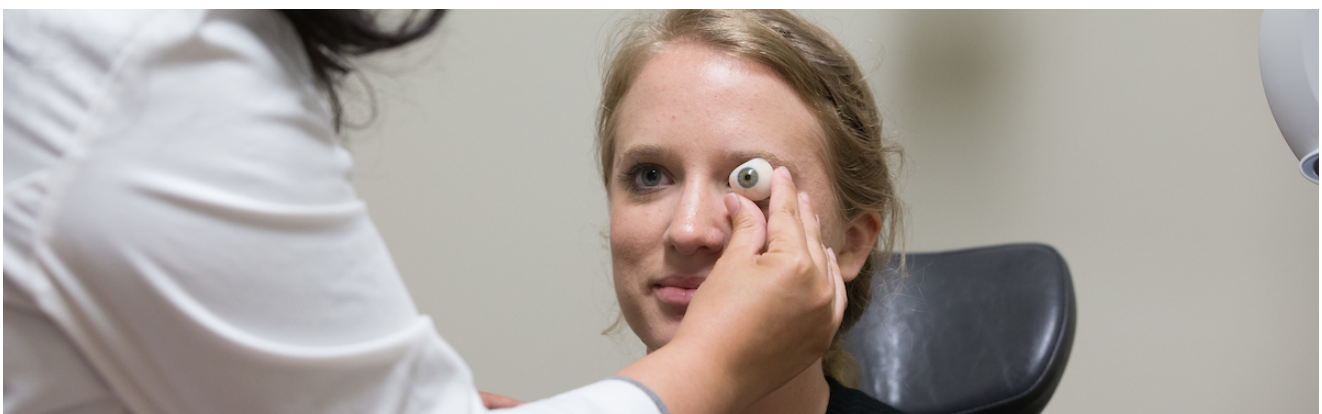


Vision Therapy

The Studt Center for Vision Therapy is a regional referral center for children and adults with vision problems.

- Our students create individualized treatment plans to address eye turns, eye strain, focusing issues, eye motor issues and vision-related issues pertaining to reading, learning disabilities, sports injuries and brain injuries.
- Each student is assigned a particular patient to maintain consistency of treatment and create a relationship built upon compassion and trust.

Many VT faculty have completed residency training and have received recognition, including fellowship and certification, from renowned organizations such as COVD, FAAO and more.



"Fullerton and Anaheim are fairly affluent areas, but when you move into external communities, the demographics are extremely diverse. Not only do we see a broad geographic spread at the clinic, but we also see a broad socio-economic spread as well."

Julie Schornack, OD
Senior VP and Chief of Staff



Low Vision Rehabilitation

Patients with impaired vision that cannot be fully restored by conventional glasses, contact lenses, or medical treatment, require low vision rehabilitation.

- Students assess each patient's remaining visual ability and create a treatment plan to meet specific visual needs.
- Through use of various electronic/computer technology and visual skills training, assistance is provided for those patients who never thought they would see again.
- Through low vision rehabilitation services, patients learn to utilize the best portion of their remaining vision to participate in and enjoy normal day-to-day activities.



Primary Care

The Jarnagin Primary Care Center is the first stop for patients seen in the clinic and provides comprehensive vision and eye health exams.

- First and second years receive their first clinical experiences by observing upperclassmen delivering patient care, and later by providing direct patient care themselves.
- Under direct supervision of faculty, students perfect their skills by learning to perform a thorough examination designed to detect a wide range of problems affecting vision function.
- Students detect and manage ocular diseases as well as cases of decreased or double vision, and are trained to use traditional as well as state-of-the-art instrumentation in the delivery of patient care.



Pediatrics

Our Pediatric Vision Care Center is devoted to promoting the health of children's vision.

- Faculty with special residency training in pediatric vision care teach students using the latest technology for evaluating the vision of children.
- Reports estimate that up to 25% of students in grades K-6 have vision-related problems, which may contribute to poor school performance. SCCO students devote their time evaluating children for either organic or functional visual problems that may impact their development.
- For even more hands-on experience, students have the opportunity to volunteer for vision screenings at elementary schools and for other organizations that promote children and public visual health.



"Through shadowing as a prospective optometry student, I learned how different optometric practice was sure to be in the future. I learned that optometrists will be working in more diverse settings than traditionally practiced. I then knew I wanted a program that would not only teach me how to be a great optometrist, but also teach me how to work with other health care providers on how they are taught to both problem-solve and deliver their scope of care. I wanted a progressive optometry program that would give me this educational experience, which will prepare me to work in the health care workplace of tomorrow."

Erin Major, Class of 2020

Interprofessional Education At MBKU

As health care in America evolves and the scope of practice for optometry continues to expand, today's optometrists provide the majority of primary care for the eyes. Because of this, optometrists are often the first to identify systemic conditions such as diabetes, hypertension, neurological dysfunction, through their effects on the eye. It is essential that students learn to co-manage medical problems by working alongside other medical professionals. This collaborative approach to health care allows for more communication, less medical errors, and happier, healthier patients.

MBKU is committed to developing health care programs that enhance and enrich the optometric curriculum, and provide optometry students with opportunities to work alongside students from other health care disciplines. Through this interprofessional educational both didactic and clinical environment, our graduates will be equipped to take their place as part of the collaborative team approach to patient care, the very future of health care provision.

Focus on Technology



WHY SOOO? Marshall B. Ketchum University

Back to the Future...

We invest in technology for both the classroom and clinic that enhances learning and showcases excellence in patient care.

Simulation equipment, lecture capture, and flipped classrooms are all deployed strategically to help students to learn more quickly and confidently.

VRMagic Simulators enable students to learn and practice key clinical skills such as binocular indirect ophthalmoscopy at their own pace, which promotes confidence and efficiency prior to seeing their first patients. VR simulators allow students to access real-life patient cases in their first clinical year.

The Anatomage Table is the most technologically advanced anatomy visualization system for anatomy education and is being adopted by many of the world's leading health care professional programs. Featured in numerous journals for its innovative approach to anatomy presentation, its radiology software, and clinical content makes it one of the best imaging system learning technologies available.



A Day in the Life

First Year

For newly accepted applicants, joining MBKU's family starts right away through a program known as Peer Advisors. A Peer Advisor is an upperclassman committed to helping new students make the transition from the undergraduate experience to a graduate level education. They provide non-academic advice and personal student perspectives about life and learning while focusing on individualized attention and support. MBKU strives to make sure that each newly-admitted student finds his or her place as a valued member of our family.

Students are also able to meet fellow and newly admitted classmates via various social events and social networking. An exclusive Facebook Group is set up for MBKU class members where they begin the process of getting acquainted even before the fall term begins.

A first-year student's time is spent mostly in lecture and lab; within the first month, they are able to participate in on and off-campus community service opportunities. This is an exciting time for all health care students because it's the first opportunity they get to work with patients.



"Going to vision screenings is rewarding because I get to apply what I've been learning directly to people in need. It's a very humbling experience.

Interacting with patients and being a part of solving their visual problems makes all the hard work and long nights of studying worth it. It reminds me of why I chose optometry in the first place and inspires me to learn even more!"

1st year student



Second Year

The second year is when a student learns clinical skills, which form the core of an optometric clinical practice. Students learn skills in preclinical lab courses and have unlimited access to the same lab rooms to practice on their own and with classmates. These clinical skills are learned by practicing them on each other, an experience that serves to help form bonds between classmates, while refining skills in preparation for treating future patients. Second-year interns see their first patient in the clinic early in the fall term. It's an exciting time!

Returning the favor, second-year students mentor a new first year student and help him or her make the transition into optometry school. Many students have the opportunity to get involved in school activities and become even more involved on campus, taking leadership positions in various clubs and organizations. If leadership is one of your gifts, consider serving on the Student Association Board or Class Cabinet. There are many opportunities to participate in off-campus events such as the annual meeting hosted by the AOA, Optometry's Meeting, and other conferences where students can network and learn even more about the profession while growing their leadership skills as well.



"SCCO lets you transition slowly into seeing patients in clinic. First, you shadow upperclassman during your 1st year and in the beginning of 2nd year, but then you get to start seeing your own patients 2nd quarter of 2nd year! Its definitely a huge and exciting milestone in optometry school."

2nd year student

"As a new third year at SCCO I have already been exposed to a number of advanced patient cases, including an advanced Orthokeratology contact lens fit. It has been great to have the knowledgeable staff doctors to help us through these diverse and challenging experiences."

3rd year student

Third Year

The third year is most likely one of the most exciting yet challenging years at SCCO. The summer directly following the second year is when an intern begins a regular schedule of patient care. Time is spent in each of the different specialty clinics and possibly in one of the local off-campus sites as well. By this time, the intern is working more independently, but still under the supervision of attending clinic faculty. This helps the student develop the decision-making skills needed to be an independent practitioner — one who will eventually make all decisions related to his or her own patient's care.

By far, the most anticipated part of the third year is preparing to take the National Board (NBEO) exam, which is necessary to obtain licensure to practice optometry. In the spring of the third year, the first part of this exam is taken. To encourage success for our students, SCCO gives third-year students a month-long hiatus from classes, which provides the time for exam-preparation and study. It is a stressful time, but with the help of on-campus KMK instruction (NBEO board-preparation service), and peer and faculty support, our students manage year after year to successfully complete the task. SCCO students routinely score above the national pass rate on these NBEO exams.

SCCO students will take three practice management courses during their time at MBKU, the final of which is during their third year.



WHY SCCO? Marshall B. Ketchum University

Fourth Year

The final year at SCCO is the most enjoyable because the intern is finally practicing optometry full time! By the fourth year, all lecture courses are complete. Each student performs four three month rotations: one at the main clinic and three from SCCO's 81 clinical outreach sites. The intern chooses their sites, tailoring the last year's education to suit their specific interests. For example, if there is an interest in pediatric optometry, an intern might choose one of the military-base rotation sites because they see many families. If ocular disease is of interest, a student may select sites at a veterans' hospital or one of the Indian Health Services clinics.

Most clinical rotation sites are located in the U.S. but there are also sites in Canada, Guam and Japan. As an SCCO intern, you will see upwards of 2,500 patient visits before graduation. SCCO uses the scope of its outreach program to yield variety, which provides a well-rounded clinical education.

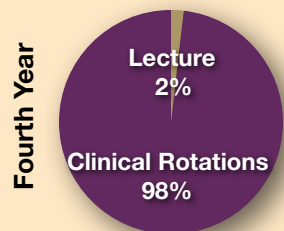
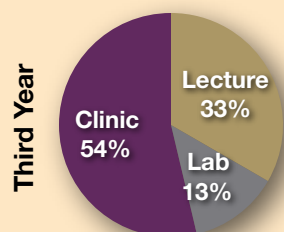
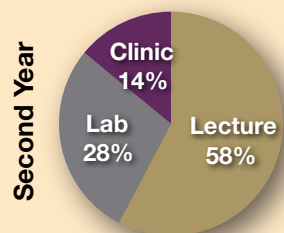
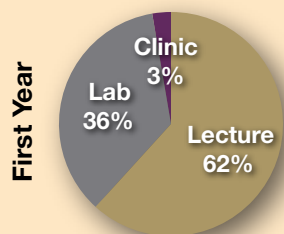
Fourth-years also take the final parts of the NBEO board exams. After this last step, it's time to get out there in the real world and find a place in the profession. Some opt to continue their education for another year by completing an optometric residency where they focus their interest in a particular sub-specialty. Others will join a practice, buy into a practice or open their own. SCCO's Practice Management Center helps connect new graduates with practices that are looking for new doctors.

"Normally I would see 10-12 patients a day, with a surprising amount of pathology and contact lens fittings. I improved my clinical as well as time management skills. I worked hard but also had plenty of time to explore, learn about the amazing Japanese culture and eat to my heart's content!"

*4th year student
on rotation in
Japan*



Academic Expectations



MBKU uses the quarter system, which allows students to move more quickly through the material and build on their knowledge from quarter to quarter. For the most part, students coming from a semester system prefer the change to this faster pace.

This format introduces students to patient care as early as possible in the curriculum. We utilize “problem-based learning” in select courses where students collaborate in small groups to study and research various health conditions.

Lectures take place in one of MBKU’s three state-of-the-art lecture halls. Utilizing a lock-step format, students in each class attend all lectures with their classmates. Because all 100 students hear the same lecture at the same time, a student is guaranteed to receive the same information as their classmates; but personalized faculty attention is readily available in the lab courses, which consist of a small group setting of 15-18 students. At SCCO, lab instruction is not done by TAs - it is done by the same faculty members that teach lectures. For clinical rotations, students work in groups of 4-6, but mostly working in pairs or on their own with faculty supervision.

Rather than curve-grading, course instructors utilize a criterion reference grading system. The goal is to foster collaboration between students instead of competition and foster a learning environment where students help each other succeed. There are many study rooms and spaces designed specifically for this collaboration available on campus for group studying purposes. These rooms are equipped with white boards for working on problems, and flat screen TVs students can connect to laptops and together review lectures slide-by-slide. Our newly installed AV equipment in the lecture halls features “lecture capture” that records the presentation, audio, and even notes



written on the electronic whiteboard so students can access the lectures throughout the entire quarter for review and study purposes.

For a breakdown of the curriculum, go to www.ketchum.edu/academicsODcurriculum.



Residency Programs through SCCO

MBKU has 46 optometric residency programs, including one of the most competitive Contact Lens Residency programs in the country.

For more information, go to www.ketchum.edu/residencies

Master of Science in Vision Science (MS)

A research-based graduate degree that may be completed concurrently with the OD degree.

Research is a vital part of the ongoing development of the profession and is incorporated into the mission statement of the College. The MS program emphasizes hypothesis-driven research and the development of analytical skills in experimental optometry and vision science.

Each of the four MS program tracks incorporates the development and presentation of seminars and formal lectures in specific courses to develop the students' skills in scientific presentations. Moreover, all degrees incorporate the design and conduct of an original research project, a written thesis, and defense of the thesis before a graduate committee.



4th Year Rotations

SCCO maintains outreach sites all over the U.S. and even Japan!

Specialty Breakdown

SCCO's fourth-year rotation sites allow students to customize their final year of education to their personal interests and professional goals. We offer outreach sites all over the country, each with its own specialty or typical patient pool to give students a unique fourth-year experience.

Primary Care/Private Practice	Low Vision
Co-management	Indian Health Services
Pediatrics/Vision Therapy	Veteran's Affairs
Contact Lens	Military



"Your fourth year is really what prepares you to take that final step into the real world of optometry. With so many sites to choose from, each offering something slightly different, it is easy to make your fourth year memorable and personalized to your interests."

4th year student

University Eye Center at Los Angeles

Since SCCO at MBKU's founding in Los Angeles in 1904, this clinic has been serving the community for over 100 years. UECLA is a clinical teaching facility, located near USC and the Los Angeles Memorial Coliseum, that offers comprehensive eye care for the local community. Student clinicians work under supervision of distinguished optometric and medical faculty and treat everything from contact lenses and vision therapy to low vision and ocular disease. This site is utilized for fourth-year student rotations.

Campus Life



Student Bowl

Optometry's Meeting 2014, Student Bowl Champions



Talent Show

Our students are more than just students—they have talent! Each year we show it off in a student produced show.



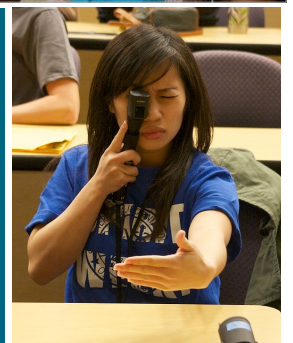
Eye Ball Formal

By the end of winter quarter our students are ready for a break! The Student Association Board plans The Eye Ball, a prom-style formal dance to celebrate the end of the year and give our students a well deserved night out!



Spirit Week

This week of optometric games and events allows the students to bond with classmates from other years, compete, and grow their love for MBKU!



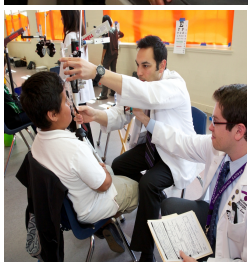
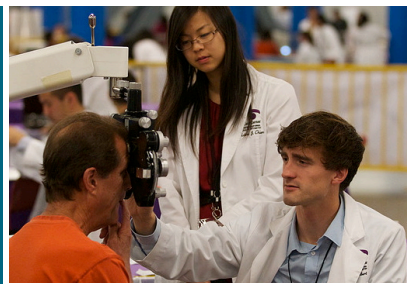
Peer Advisor Program

This program helps incoming students make the transition from undergrad to student life at MBKU. They offer non-academic advice from a student's perspective and hold office hours to accommodate incoming students needs. Peer advising is just one way that MBKU addresses the student as a whole person, offering extra support and encouragement.



Serving our Community

MBKU students are committed to serving in our community and have plenty of opportunities to do just that! Elementary school and community screenings, health fairs and so much more...



Student Achievement Center

Provides services to meet the needs of students academically and personally through tutoring, stress management, professional enhancement, and psychological support.



Clubs on Campus

Broaden your experience by joining on-campus professional organizations and clubs. Take advantage of all the leadership opportunities!



Omega Delta Professional Fraternity

Here are just some of the clubs offered:

- American Optometric Student Association (AOSA)
- American Academy of Optometry (AAO)
- Beta Sigma Kappa Honor Fraternity
- Omega Delta Professional Fraternity
- Private Practice Club
- Married Students Club
- Fellowship of Christian Optometrists (FCO)
- Latter-Day Saints Student Association (LDSSA)

Around MBKU

Seaside Spots

Newport Beach
Huntington Beach (& Dog Park)
Venice Beach
Laguna Beach



Night Life

LA Nightclubs
Downtown Fullerton
Newport & Laguna Beach Bars
Downtown Disney
Hollywood
In Cahoots - Line Dancing
Atomic Ballroom - Swing Dancing

You can't study ALL the time...



"School is tough so I need places to relax & have fun when I have time. Fullerton is great because its a central hub. Hiking, beaches, clubbing, and many other things are all only a couple of minutes away!"

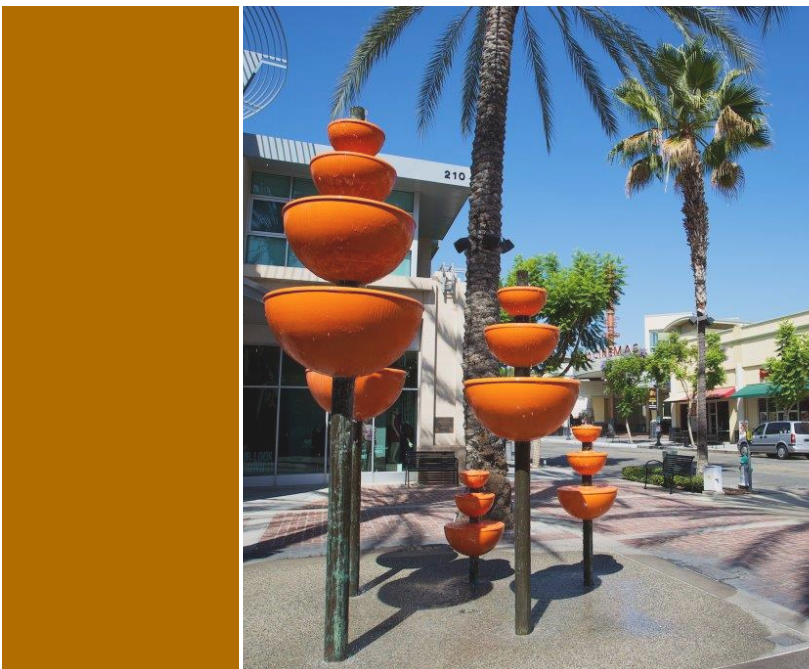
2nd year student

Arts & Entertainment

Museum of History & Arts
Greek Theater
Los Angeles County Museum of Art
Museum of Tolerance
Getty Museum
Verizon Wireless Amphitheater
Orange County Performing Arts Center

Mountains

Big Bear Mountain
Lake Arrowhead
Mammoth Mountain
Lake Tahoe



Sporting Events

Angels Baseball
 Dodgers Baseball
 Lakers Basketball
 Ducks Hockey
 Clippers Basketball
 LA Galaxy Soccer
 USC & UCLA College Football
 ESPN Zone in Downtown Disney



Amusement/Theme Parks

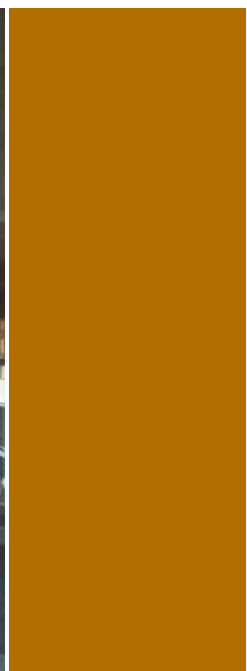
Disneyland/California Adventure
 Knott's Berry Farm
 Universal Studios
 Legoland
 San Diego Zoo
 Sea World
 San Diego Wild Animal Park
 Six Flags Magic Mountain

Weekends Worth the Drive

Las Vegas
 Santa Barbara Wine Country
 Palm Springs
 San Diego
 San Francisco

"The Disneyland Annual Pass is awesome and such a different experience than just buying a day pass. You're not rushed to ride everything, so you have time to sit back and enjoy the park. Its a great escape from school and just 15 minutes away!"

1st Year Student



WHY SOOO? Marshall B. Ketchum University

Frequently asked Questions

Where do MBKU Students live? MBKU is in a residential setting nestled in a college town with Cal State University, Fullerton just across the street. As a result, there are many apartment complexes within walking distance of campus and countless others that are just minutes away by car or bike. Average rent if you have 1 or more roommates is between \$450-\$700/month. MBKU has compiled a list of recommended complexes nearby. To request this list, email ODadmissions@ketchum.edu.

What is the surrounding area like around the campus? Is it a safe area? MBKU is located in a safe area next to homes, apartments, a fire station, a church and a state university. The campus itself is quiet and peaceful, and within 10 minutes of two downtown areas. MBKU is located near the freeway and close to major sporting events and LA for shows, clubs, etc. The beach is 40 minutes away, and the mountains are an hour and a half drive. Fullerton is a safe area, and it is not uncommon to see our students or Cal State students walking home from campus late at night. As an extra measure to ensure that our students feel comfortable on campus, there is campus security on duty 24/7 who constantly monitor the grounds.



How big is MBKU's campus? MBKU is located on a 7 acre greenbelt, with a stream running along the perimeter of the property. There are 6 buildings on campus, including the parking structure. There is a large lawn area in the center of the buildings where BBQs, outdoor movies, and special events take place. To walk from one end of campus to the other takes less than five minutes.

Is there a recreational area or fitness facility on campus? Are there ways for me to get involved with intramural sports? We have a gym on campus that is available 24/7 for students. Located below the parking structure, it has 2 flatscreen TVs, several cardio machines, weight machines, and free weights. There are also two gender-specific changing rooms with lockers and showers. While there are no officially organized sports on campus, students play various pick-up games during the week, play on teams in local city leagues, and there are also athletic tournaments organized by students throughout the year.



Will the instructors/supervisors be available for extra help or for personal questions? Is there always a faculty member readily available to go talk to about a class or school in general? Most of our faculty are full-time making them accessible and available to invest in our students. Should a student require regular help with academics beyond what a faculty member can provide, tutoring is arranged, and the school will pay an upperclassman to perform tutoring within a particular subject. The Student Affairs Office is here M-F 8am-5pm with an open door policy, eager to help students if they pop in between classes.

What is the MBKU library like? What resources are available? The M.B. Ketchum Memorial Library houses countless resources for student and faculty use. In addition to the hardcopy sources kept on-site, all students have access to online academic journal sources. Students study at tables in the main part of the library, or retreat to one of the many study rooms available for group study or tutoring sessions. The library features a computer lab and copy room with printing and copying services. Visit the library's website for additional service and hours: www.ketchum.edu/library

May I contact a current SCCO student? Our First-Year Student Ambassadors are always happy to talk to you! You can reach them publicly on the "Official Pre-Optometry Group Southern California College of Optometry" or email ODadmissions@ketchum.edu to request a list of email addresses.





WHY SOCO? Marshall B. Ketchum University



MARSHALL B. KETCHUM UNIVERSITY

Southern California College of Optometry



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"Qualifying to interview deserves a congratulations and an official welcome to this wonderful profession! On behalf of the Office of Admissions, I want to wish you the best as you make your decision about which program you choose. It's all ahead of you!"

*Jane Ann Munroe, OD,
Assistant Dean of Admissions*



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Ketchum Health

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