

## PRE-OPTOMETRY

Updated 06/30/09

Name: \_\_\_\_\_ ID #: \_\_\_\_\_

**Degree Requirements:**

1. Please visit the Office of Pre-Health Professions early so that we can assist you in meeting all requirements for your choice in schools.
2. **Degree:** Bachelors degree is required (Western University has different requirements please come in and see us for specifics)
3. **G.P.A:** 3.0 minimum is required. **C minus (C-)** grades and pre-foundational courses are not transferable.
4. **Recommended courses:** Cell/Molecular Biology, Genetics, Developmental Biology, and Anatomy and Physiology.
5. **Test:** All students must take the OAT (Optometry Admissions Test).

	Domain/Course(s)	Units
	First Year Seminar (UNST 101A & 101B)	2
	<b>Requirements:</b>	
	General Biology I (BIOL 111 & Lab)	5
	General Biology II (BIOL 112 & Lab)	5
	General Biology III (BIOL 113 & Lab)	5
	General Chemistry I (CHEM 111 & Lab)	5
	General Chemistry II (CHEM 112 & Lab)	5
	General Chemistry III (CHEM 113 & Lab)	5
	Organic Chemistry I (CHEM 371)	4
	Organic Chemistry II (CHEM 372 & Lab)	4
	Organic Chemistry III (CHEM 373 & Lab)	4
	General Physics I (PHYS 231 & Lab)	5
	General Physics II (PHYS 232 & Lab)	5
	General Physics III (PHYS 233 & Lab)	5
	Introduction of Statistics (MATH 155)	4
	Calculus I (MATH 131)	4
	Microbiology (BIOL 474 & Lab)	4
	College Writing I (ENGL 111)	3
	College Writing II (ENGL 112)	3
	College Writing III (ENGL 113)	3
	General Psychology (PSYC 104)	4
	Biochemistry I (CHEM 491 without the lab)	3
	<b>UC Berkeley Only:</b>	
	Calculus II (MATH 132)	4
	Calculus III (MATH 133)	4
	Systems Physiology (BIOL 466 & Lab)	4
	Human Gross Anatomy (BIOL 446 & Lab)	5
	<b>Southern California College only:</b>	
	A second course in Psychology	4

<p style="text-align: center;"><b>Southern California College of Optometry</b></p> <p><b>Deadline:</b> September 1 – March 15  <b>Contact Information:</b>  <b>Address:</b>                  2575 Yorba Linda Blvd., Fullerton, CA 92361  <b>Phone:</b> (800) 829-9949  <b>E-mail:</b> <a href="mailto:admissions@scco.edu">admissions@scco.edu</a>  <b>Website:</b> <a href="http://www.scco.edu">www.scco.edu</a></p>	<p style="text-align: center;"><b>Western University of Health Sciences College of Optometry</b></p> <p><b>Deadline:</b> July of the year prior to admission  <b>Address:</b>                  309 E. Second St., Pomona, CA 91766-1854  <b>Phone:</b> (909) 706-3530  <b>E-mail:</b> <a href="mailto:garciac@westernu.edu">garciac@westernu.edu</a>  <b>Website:</b> <a href="http://www.westernu.edu">http://www.westernu.edu</a></p>	<p style="text-align: center;"><b>UC Berkeley College of Optometry</b></p> <p><b>Deadline:</b> September 7 – March 15  <b>Contact Information:</b>  <b>Address:</b>                  397 Minor Hall, Berkeley, CA 94720-2020  <b>Phone:</b> (510) 642-9537  <b>Website:</b> <a href="http://www.spectacle.berkeley.edu">www.spectacle.berkeley.edu</a></p>
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The Office of Pre-Health Professions is dedicated to providing quality service to La Sierra University students, faculty and staff. Our primary goal is to address your pre-professional needs. As a service-based department, we accept walk-ins on a daily basis. We endeavor to answer all of your questions about careers in the health field; no question is too small for our attention. We are located in Palmer Hall, home of the Chemistry department and next door to the Thaine B. Price Science Complex.

**Office of Pre-Health Professions**

**Palmer Hall Suite 263**

**La Sierra University**

**Riverside, CA 92515**

**Phone: 951-785-2490**

**E-mail: [prehealth@lasierra.edu](mailto:prehealth@lasierra.edu)**

**Website: [www.lasierra.edu/departments/prehealth](http://www.lasierra.edu/departments/prehealth)**

**Career opportunities and related occupations:** Optometrists provide most of the vision care needed by those who wear glasses or contact lenses. They examine people's eyes to detect vision problems and eye diseases, and test for such things as proper depth, color perception, and the ability to focus and coordinate the eyes. Most optometrists work in general practice, but some special in the elderly or children. Others work with partially-sighted persons who use microscopic or telescopic lenses. Still others concern themselves with the visual safety of individual workers or concentrate on contact lenses or vision therapy. Optometrists teach, do research, consult, and serve on health advisory committees of various kinds.

**Educational Qualifications:** Licensed optometrists must have a Doctor of Optometry degree from an accredited optometric college/university and pass the state board examination. This degree required a minimum of 6 to 7 years of higher education consisting of a 3 1/2-year professional degree program preceded by 4 years of pre-optometric study at La Sierra University. Those wishing to advance in a specialized field may study for a masters or Ph.D. degree in visual science, physiological optics, neurophysiology, public health, health administration, health information and communication, or health education. Career officers in the Armed Forces may work toward advanced degrees and do vision research.

**Job Opportunities:** Employment for optometrists is expected to grow faster than average through 2014.

**Salary:** For the most updated information on salaries visit: U.S. Bureau of Labor Statistics at <http://www.bls.gov/bls/blswage.htm>

<b>Websites:</b>	<b>Professional Organizations:</b>
<p data-bbox="191 1255 667 1318"><b>La Sierra University:</b> <a href="http://www.lasierra.edu/departments/prehealth">www.lasierra.edu/departments/prehealth</a></p>	<p data-bbox="813 1255 1507 1388">Association of schools and Colleges of Optometry (ASCO) 6110 Executive Blvd., Suite 510 Rockville, MD 20852 <a href="http://www.opted.org">www.opted.org</a></p> <p data-bbox="915 1423 1403 1556">American Academy of Optometry (AAO) 6110 Executive Blvd., Suite 510 Rockville, MD 20852 <a href="http://www.aaopt.org">www.aaopt.org</a></p>