

PRE-PHARMACY

Updated 06/17/09

Name: _____ ID #: _____

Degree Requirements for students seeking matriculation to Loma Linda University:

1. If you are planning to attend another university, please visit the Office of Pre-Health Professions early during your academic career so that we may assist you in meeting for Pharmacy School.
2. **G.P.A.:** A minimum GPA of 3.00 in the science courses is required. C minus (C-) grades and pre-foundational courses are not transferable.
3. **Degree:** A Bachelor's degree is not required but is strongly recommended. Students without a degree are considered under rare circumstances.
4. **CLEP and AP credits:** AP credit will be accepted as fulfilling the first semester/quarter of any pre-requisite sequence. CLEP credit will not be accepted to fulfill any of the pre-requisite courses.
5. **Highly recommended courses:** Immunology, Cellular Molecular Biology, Histology
6. **Application Service:** Most students will need to go through PHARMCAS. If you have questions please come in and see us.

	Domain/Course(s)	Units
	Orientation (UNST 101A & 101B)	2
	Required Courses:	
	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)	3
	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
	Biochemistry I (CHEM 491 without lab)	3
	Biochemistry II (CHEM 492 without lab)	3
	Human Anatomy (BIOL 131 & Lab OR BIOL 446 & Lab)	5
	Microbiology (BIOL 185 & Lab OR BIOL 474 & Lab)	5
	College English I (ENGL 111)	3
	College English II (ENGL 112)	3
	College English III (ENGL 113)	3
	Calculus I (MATH 131)	4
	Calculus II (MATH 132)	4
	Fundamentals of Speech (COMM 104)	4
	Micro or Macro Economics (ECON 254 OR 255)	4
	General Psychology (PSYC 104)	4

Timeline

Freshman	Junior
<ol style="list-style-type: none"> 1. Meet with CSAS 2. Meet with the Office of Pre-Health Professions 3. Join Club 4. Participate in seminars, volunteer, shadow, missions, etc... 	<ol style="list-style-type: none"> 1. Pick up recommendation packet return in March 2. Apply to PHARMCAS 3. Prepare for Pharmacy school interview
Sophomore	Senior
<ol style="list-style-type: none"> 1. Meet with Office of Pre-Health Professions 2. Participate in missions trips, volunteer, shadow 3. Get to know science teachers for recommendation letters 4. Participate in seminars and pre-health conference 	<ol style="list-style-type: none"> 1. Finish classes 2. Have Pharmacy school interview 3. Wait for acceptance letter

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

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La Sierra University

Riverside, CA 92515

Phone: 951-785-2490

E-mail: prehealth@lasierra.edu

Website: www.lasierra.edu/departments/prehealth

Applicants without a bachelors degree must complete additional courses in the following areas:

Social and Behavioral Sciences	12 units	The units are in addition to General Psychology and Economics from the pre-requisite list above. Recommended areas include cultural diversity, anthropology, psychology, psychobiology, economics, political science, geography, and sociology.
Humanities/Fine Arts	18 units	Recommended areas include literature, philosophy, history, ethics, foreign language, art/music history. Studio or performance classes in art and/or music are not acceptable.

Career opportunities and related occupations: Pharmacists may be employed in hospitals, clinics, or community pharmacies. Other employment opportunities might include being sales representatives for drug manufacturers and wholesalers, teaching pharmacy colleges, developing new medicines, editing & writing articles for pharmaceutical journals, and administrative work.

Educational Qualifications: To obtain a license to practice pharmacy, students must complete a bachelor's degree and enroll in an accredited pharmacy school, pass the state board exam and complete an internship under a registered pharmacist.

Job Opportunities: Jobs in the field of pharmacy are expected to grow by 25% through the year 2014.

Salary: The national average income for pharmacists is \$88,650 and the average California income is \$97,260. For the most updated information on salaries visit: U.S. Bureau of Labor Statistics at <http://www.bls.gov/bls/blswage.htm>.

<p>Websites:</p> <p>La Sierra University: www.lasierra.edu/departments/prehealth</p> <p>Loma Linda University:</p> <p>Brian Foxworth School of Pharmacy Loma Linda University Loma Linda, CA 92350 909-558-1300 www.llu.edu/llu/</p>	<p>Professional Organizations:</p> <p>American Association of Colleges of Pharmacy 1426 Prince Street Alexandria, VA 22314 www.aacp.org</p> <p>American Society of Health-System Pharmacists 7272 Wisconsin Avenue Bethesda, MD 20814 www.ashp.org</p>	<p>Professional Organizations:</p> <p>American Pharmaceutical Association 2215 Constitution Ave., NW. Washington, D.C. 20037 www.aphanet.org</p> <p>National Association of Chain Drug Stores 413 N. Lee Street P.O. Box 1417-D49 Alexandria, VA 22313 www.nacds.org</p>
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