

**PRE-DENTISTRY****D.D.S.****2015-2016****Application: Apply through AADSAS June 1 - December 1.****NATURAL SCIENCES:**

BIOL 111/ BIOL 111L General Biology I and Lab (4/1)

BIOL 111A General Biology I Seminar (0)

BIOL 112/ BIOL 112L General Biology II and Lab (4/1) *Prereq. BIOL 111, 111L and BIOL 111A*BIOL 113/ BIOL 113L General Biology III and Lab (4/1) *Prereq. BIOL 112 and 112L*CHEM 111/ CHEM 111L General Chemistry I and Lab (4/1) *Prereq. CHEM 110 or passing score on Placement Test & MATH 007 or MATH 013.*CHEM 112/ CHEM 112L General Chemistry II and Lab (4/1) *Prereq. CHEM 111 and CHEM 111L*CHEM 113/ CHEM 113L General Chemistry III and Lab (4/1) *Prereq. CHEM 112 and CHEM 112L*CHEM 271/ CHEM 271L Organic Chemistry I and Lab (3/1) *Prereq. CHEM 113 & CHEM 113L*CHEM 272/ CHEM 272L Organic Chemistry II and Lab (3/1) *Prereq. CHEM 271 and CHEM 271L*CHEM 273/ CHEM 273L Organic Chemistry III and Lab (3/1) *Prereq. CHEM 272 and CHEM 272L*PHYS 231 General Physics I and Lab (4/1) *Prereq: MATH 122 or equiv. for PHYS 231A/ MATH 132 for PHYS 231B*PHYS 232 General Physics II and Lab (4/1) *Prereq: PHYS 231A for PHYS 232A/PHYS 231B for PHYS 232B*PHYS 233 General Physics III and /Lab (4/1) *Prereq: PHYS 232A for PHYS 233A/PHYS 232B for PHYS 233B*CHEM 491 Biochemistry I (3) *Prereq. CHEM 273*CHEM 492 Biochemistry II (3) *Prereq. CHEM 491***COMMUNICATION:**ENGL 111 College Writing (3) *Prereq. Satisfactory placement on college entrance exam.*ENGL 112 College Writing (3) *Prereq. ENGL 111*ENGL 113 College Writing (3) *Prereq. ENGL 112***RECOMMENDED COURSES:** *Listed in order of priority per LLU School of Dentistry*

DENT 103 Introduction to Dentistry (Offered Winter quarter only)

BIOL 434 Histology (4) *Prerequisites: BIOL 113 & 113L*BIOL 446 Human Gross Anatomy (5) *Prerequisites: BIOL 113 & 113L. Permission of the instructor is required for enrollment.*BIOL 466 Systems Physiology (4) *Prerequisites: BIOL 113 & 113L & BIOL 376 Biostatistics (4)*BIOL 474 General Microbiology (4) *Prerequisites: BIOL 301 Can be concurrently enrolled.*BIOL 301 Cell and Molecular Biology (4) *Prerequisites: BIOL 113, 113L & CHEM 271*BIOL 436 Immunology (4) *Prerequisites: BIOL 301*BIOL 302 Genetics (4) *Prerequisites: BIOL 301 & 301L*CHEM 493 Biochemistry (3) *Prereq. CHEM 492*

MGMT 356 Human Resource Management (4)

ARTS 274A Wheel Throwing (4) and/ or 274B Hand Building(4)

ACCT 221 Financial Accounting I *Prereq. ENGL 111 or 124 (can be taken concurrently) & MATH 007 or 013 (or equivalent)*COMM 104 Fundamentals of Speech (4) or COMM 244 Interper.Communication *Prereq. Satisfactory placement on college entrance exam.***Additional Information****Entrance Exam:** DAT taken within 5 years**Shadowing/ Volunteering Hours:** Minimum of 50

General Physics and Biochemistry are not tested on the DAT.

Pre-DENTISTRY

Doctor of Dental Surgery

CAREER OPPORTUNITIES AND RELATED OCCUPATIONS: The American Dental Association reports that there are currently about 153,000 dentists active in the United States. Most are in private practice and remain general practitioners. Women and minorities are underrepresented in the profession. Opportunities for these underrepresented groups are growing rapidly because of the intense need to improve access to general health and oral care. The field of dentistry is expected to grow as a result of the aging baby boomers. There are opportunities for dental research, forensic dentistry, academic dentistry, service in the federal government, and in international health care. Jobs in the field of dentistry are expected to grow by 28% through the year 2014.

EDUCATIONAL QUALIFICATIONS: Most dental school applicants have earned a four-year degree prior to entering dental school. Dentistry is a four-year program, with the first two years in the classroom and dental lab and the last two years in the clinic treating patients under the supervision of licensed dentists.

EXPECTATIONS: Dentists need to have good visual memory, excellent judgment of space and shape, a high degree of manual dexterity and scientific ability. Many dentists have their own practice, therefore good business acumen, self discipline, and good communication skills are essential for success.

ENTERING SALARY: The median annual wage for dentists was \$149,310 in May 2012. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than \$73,840, and the top 10 percent earned \$187,200 or more. Earnings vary according to the number of years in practice, location, hours worked, and specialty.

Career information adapted from
U.S. Department of Labor, Bureau of Labor Statistics. (2012). Occupational Outlook Handbook. Retrieved
from <http://www.bls.gov/ooh>.
California CareerZone. (2012). California CareerZone. Retrieved from
www.cacareerzone.org.

ADDITIONAL INFORMATION

Websites

La Sierra University
www.lasierra.edu/prehealth

Loma Linda University:
www.llu.edu/llu/dentistry

Asst. Director for Pre-Health
Cynthia C. Douglas, M.S.
951.785.2490

Contact Information
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