

Required courses for applicants to Loma Linda University:

English Composition—6
 Foundations of Biology—10
 General Chemistry—8
 Organic Chemistry—8
 General Physics—8

Recommended: human anatomy, biochemistry, histology, computer science, systems physiology, management and organization, fundamentals of accounting, a survey of calculus, machine shop, and religion.

Total pre-dental credits—96

HEALTH INFORMATION MANAGEMENT

Health Information Administrator

Marcia A. Kilsby, Coordinator
 (616) 471-6294

Halenz Hall (Science Complex)

Health information management includes the development of information systems to provide optimal user access to medical records and other vital patient data. The health information administrator also manages or consults in maintenance of quality and legal standards for data used in administrative planning, research, health care quality evaluation, and financial reimbursement. For more information: <http://www.ahima.org>.

LAW

Brent Geraty, Coordinator
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 Nethery Hall, 122-C

Law schools prescribe no special college program. Therefore, pre-law students may select from a variety of majors and minors without adversely affecting admission to law school. The prospective lawyer's education should be as broad as possible, including the development of writing and reading skills, logical thinking, and understanding of legal, political, social and economic issues, and institutions. Because competition for admission to a reputable law school is intense, it is important to maintain a high level of academic achievement.

Pre-law students might consider an interdisciplinary degree with political science as the core in combination with fields such as communication, economics, or international languages. Such a program will also prepare the student to pursue an alternative career if plans should change.

Students pursuing pre-law school should consult the pre-law advisor at least once a year, preferably at fall registration. A pre-law club provides additional resources for the student.

The booklet *Law Schools and Bar Admission Requirements* provides detailed information concerning a desirable academic background for the study of law. Copies are available upon request from the section of Legal Education and Admissions to the Bar, American Bar Association, 1115 East 60th Street, Chicago, IL 60600.

MEDICINE

Bill Chobotar: (616) 471-3262
 Marcia A. Kilsby: (616) 471-6294
 Robert A. Wilkins: (616) 471-6288
 Science Complex

Although allopathic (MD) and osteopathic (DO) medicine represent different philosophies of patient care, a physician in either branch of medicine is required to pass the same national board examination to practice.

Students seeking admission to medical schools are encouraged to plan a baccalaureate degree that includes courses which meet the stated entrance requirements of the medical school of their choice as listed in Medical School Admissions Requirements or the websites of the Association of American Medical Colleges (<http://www.aamc.org>) and the American Association of Colleges of Osteopathic Medicine (<http://www.aacom.org>). The pre-medical student may choose any major or minor and is encouraged to become acquainted with the main bodies of knowledge as represented by the various academic disciplines.

Required Courses for Applicants to Loma Linda University School of Medicine

English Composition/Writing Seminar—6
 Foundations of Biology—10
 General Chemistry—8
 General Physics—8
 Organic Chemistry—8
 Religion—9

Students should maintain an A/B average in science as well as overall.

OCCUPATIONAL THERAPY

Bill Chobotar, Coordinator
 (616) 471-3262
 Price Hall (Science Complex)

The occupational therapist helps people cope with psychological or physiological dysfunction.

Pre-occupational Therapy Curriculum LLU Requirements and AU Equivalents

Religion

LLU: 4 credits/yr. (only for students from Adventist colleges/universities)

AU: A general education religion course (4-8 credits: 4 credits each year)

Cultural Heritage

LLU: 12 credits from Cultural Diversity and areas of art/music (2-credit limit in performing arts), literature, philosophy, history of civilization—American, and any foreign language

AU: ANTH 124 or 200; select remainder from ARTH220; MUHL214; ENGL225, 275, 276; PHIL224; HIST117, 118, 204, 205; any foreign language

Physical/Natural Sciences

LLU: anatomy and physiology sequence, 1 quarter chemistry, 1 quarter physics/lab; math—2 years HS with at least a grade of C

AU: BIOL111-113; CHEM110; PHYS105; MATH107 (no credit)

Social Sciences

LLU: anthropology, sociology, general psychology; Growth and Development; and select one other behavioral science

AU: ANTH124, 200; SOCI119; PSYC101; EDPC301; and select from other ANTH, PSYC, or SOCI courses

Communication

LLU: Freshman English—complete sequence; Speech; Computer; select additional from computer science and persuasion

AU: ENGL115, 215, and 306; COMM104; INSF110; select additional from COMM320, 405; INSF215

Health and Wellness

LLU: Health Education: 4-5 credits (personal health or nutrition)

AU: HLED130 and 2 activity credits

Electives—to meet total of 96 credits

Required Work Experience—80 hours (minimum) of work/observation experience of volunteer or paid employment in an occupational therapy department.

Grades of C- or below will not be transferred.

OPTOMETRY

James L. Hayward, Coordinator

(616) 471-3241

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As a general rule, a minimum of two years of college work is required by optometry school. However, most students entering optometry schools have completed three or four years of college. The following courses with minor variations meet the entrance requirements of most optometry schools. For more information, contact the American Optometric Association (<http://www.aoanet.org>) and the Association of Schools and Colleges of Optometry (<http://www.opted.org>).

Pre-optometry Suggested Courses

English Composition, Writing Seminars—8

Foundations of Biology—10

General Chemistry—8

General Physics—8

Introduction to Psychology—3

Mathematics—6

Microbiology or Bacteriology—3

Organic Chemistry—8

Physical Education—2

Religion—6

Social Sciences—8

Statistics—3

PHARMACY

Robert A. Wilkins, Coordinator

(616) 471-6288

Price Hall (Science Complex)

Entrance requirements to colleges of pharmacy vary; therefore, it is imperative that students familiarize themselves with the requirements of the school of their choice. (Ferris State University [FSU], Wayne State University, and University of Michigan operate accredited colleges of pharmacy in the state of Michigan.) Information about the various schools of pharmacy can be found on the American Associate of Colleges of Pharmacy website: <http://www.aacp.org>. The doctor of pharmacy curriculum requires 2 years of pre-pharmacy and 4 years of professional pharmacy education.

The following prepharmacy courses are those required by FSU. FSU offers a calculus course in the summer that satisfies the pre-pharmacy requirements and require the PCAT for admission. Science courses with a grade of D are not transferable.

Pre-pharmacy Curriculum

General Chemistry—8

English Composition—6

Foundations of Biology—10

Communication (COMM104 or 320)—2 or 3

Intro. to Psych. or Principles of Sociology—3

Elementary Statistics (STAT340 or 285)—3

General Microbiology—4

Organic Chemistry—8

Calculus (MATH141)—4

Macroeconomics—3

Respiratory Care, 11030 Ables Lane, Dallas, TX 75229 (phone 972-243-2272 and ask for the Education Department) or explore the web at http://www.aarc.org/patient_resources/schools.html.

Loma Linda University: Interested students may complete the prerequisites for Loma Linda University's Respiratory Care Education Program while attending Andrews University. Check with the above listed coordinator for the required course work. The Pre-LLU/RC student may then apply and transfer to LLU through its selective admissions process as a second-year student in their program.

ALLIED HEALTH

Halenz Hall, Room 326
(616) 471-3336
cls@andrews.edu
<http://www.andrews.edu/ALHE>

Faculty

Marcia A. Kilsby, *Chair, CLS Program Director*
Albert W. McMullen
Richard D. Show, *Graduate Program Coordinator*
Clifford Sutherland

Academic Programs	Credits
BS: Clinical Laboratory Science (BSCLS)	127
BS: Allied Health Administration	65
MS: Clinical Laboratory Science (MSCLS)	32
Biomedical	
Business and Management	
Computer Information Science	
Education	

The Department of Allied Health prepares students who are committed to preserving and protecting the dignity of life and death. They promote values and attitudes consistent with the Seventh-day Adventist Christian lifestyle. They strive to instill in students a life-long personal quest for individual growth and fulfillment and for continual excellence in health-care practice.

Clinical Laboratory Science (Medical Technology)

The degree program includes three years of undergraduate (pre-clinical) studies plus one year (3 semesters) of clinical (professional) education.

Pre-clinical Program. The first three years of undergraduate study include General Education, cognate science, and pre-clinical degree requirements. Program options feature directed elective course work selected in consultation with the faculty advisor according to the student's career goals and interests.

Clinical (Professional) Program. The year of clinical studies is comprised of lectures and student laboratories on the Berrien Springs campus and a clinical practicum at an affiliated hospital or clinical laboratory site.

Clinical Experience (Practicums). Students work side-by-side with practicing professionals in patient health care during the final portion of the clinical year. Andrews University maintains a number of affiliations with clinical institutions across the country. Student preferences for clinical site assignments are solicited and granted when possible. Final site assignments are made at the discretion of the faculty.

Clinical Year Admission Requirements. An independent admissions process is required for university students who wish to enter clinical studies. Application forms may be obtained from the Department of Allied Health office. Students should complete these applications and return them to the departmental office by February 15th prior to their anticipated clinical-study year.