

***COLLEGE OF ARTS AND
SCIENCES***

William E. Richardson, *Dean*

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, general physics, 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

Medical Records Administration

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 specialist also manages or consults in maintenance of quality and legal standards for data used in administrative planning, research, patient care evaluation, and financial reimbursement. For more information: <http://www.ahima.org>.

LAW

Jane Sabes, Coordinator

(616) 471-3293, sabesja@andrews.edu

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*

<http://www.lawyer.com> is available at the Law School Office, 3300 Parkview Blvd., Grand Rapids, MI 49508, (616) 471-3293, or at <http://www.lawyer.com>. It is also available at the Law School Office, 3300 Parkview Blvd., Grand Rapids, MI 49508, (616) 471-3293, or at <http://www.lawyer.com>.

OPTOMETRY

James L. Hayward, Coordinator
(616) 471-3241

Price Hall (Science Complex)

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 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
Cultural Enrichment (one at 200 level)—9

PHYSICAL THERAPY

Mary Jane Rasnic, Advisor
(616) 471-6490

Physical Therapy Building

Andrews University offers a structured pre-physical therapy

education program to assist students wishing to transfer into Andrews University's physical therapist entry-level professional education program. See the professional education program in the College of Arts and Sciences section of this bulletin for the specific prerequisite course details. The same advisor will be able to assist the students who may wish to complete their prerequisite courses at Andrews University and transfer later to another university to continue their professional education.

PHYSICIAN ASSISTANT

Bill Chobotar: (616) 471-3262

Robert A. Wilkins: (616) 471-6288

Price Hall (Science Complex)

Physician assistants (PAs), members of a health-care team, practice medicine with supervision of licensed physicians. PAs perform a wide range of medical duties from basic primary care to high-technology specialty procedures. Professional PA education offered at any one of more than 100 accredited schools is an intensive 2-3 year program. Most PA programs are moving toward requiring a bachelors degree including courses in biology, chemistry, English, humanities/social science, mathematics, and psychology. The level of the science courses varies from program to program; consequently, each school should be consulted about its prerequisite requirements. Acceptance to a professional program typically requires an extensive health-care experience such as nurse assistant, medical/X-ray lab technician, respiratory therapist, paramedic, hospital aide, and emergency medical technician.

The National Directory of PA Programs may be ordered from APAP at 950 N. Washington St., Alexandria, VA 22314 or phone: 800- 708-7581. PA programs and education can be acc8sulted about: (.aacp.or)1

972-243-2272 and ask for the Education Department) or explore