

C^LLLEGE L^LFA A D CIE CE

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PRE-PROFESSIONAL PROGRAMS

Although essentially a liberal arts college, the College of Arts and Sciences offers certain pre-professional curricula for students

Required courses for applicants to Loma Linda University:

English Composition—6

Foundations of Biology—10

General Chemistry—8

Organic Chemistry—8

General Physics—8

: 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

(269) 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 particular college program. Therefore, a pre-law student may select her major(s) and minor(s) according to interest and aptitude 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 and analytical thinking, and understanding of legal, political, social and economic issues and institutions. Because competition for admission to reputable law schools is intense, it is important to maintain a high level of academic achievement.

Students who want to go on to law school should consult frequently with the pre-law advisor, certainly at least once per year

OPTOMETRY

James L. Hayward, Coordinator
(269) 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

D. David Nowack, Coordinator
(269) 471-6065
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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
Cultural Enrichment (one at 200 level)—9

PHYSICAL THERAPY

Dixie Scott, Advisor
(269) 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: (269) 471-3262
H. Thomas Goodwin: (269) 471-3242
David N. Mbungu: (269) 471-6399
Marlene N. Murray: (269) 471-6243
Price Hall (Science Complex)
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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 accessed via the web: <http://www.aapa.org>.

PUBLIC HISTORY

Gary G. Land, Coordinator
(269) 471-3511
Nethery Hall

Public or applied history refers to careers in history-related fields other than teaching, including museum management, archival management, and historic preservation, as well as the production of historical media programs. In most cases, a master's degree in a public or applied history program or certification upon completion of certain graduate courses are needed prior to employment. The Department of History and Political Science recommends as curricula a major in history with a second major or minor and electives as the most advantageous undergraduate basis for a public-history career. Curriculum recommendations are available from the department chair.

RESPIRATORY CARE

Bill Chobotar, Coordinator
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Andrews University offers prerequisite course work to prepare

students who wish to enter a 2-year Associate of Science degree program or a 4-year Bachelor of Science degree program in Respiratory Care. Admission requirements vary among professional respiratory care programs. Not all professional programs accept transfer credits. Therefore, as soon as possible, interested students should contact the programs of choice for the most current prerequisite requirements. A list of accredited respiratory care programs may be obtained from the American Association for 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.

ART AND DESIGN

Art and Design Center, Room 111
 (269) 471-3279
<http://www.andrews.edu/art>

Faculty

Steven L. Hansen, C
 slhansen@andrews.edu
 Gregory J. Constantine
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 Robert N. Mason
 rmason@andrews.edu
 Rhonda Root
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Academic Programs	Credits
BFA: Graphic Design	80
BFA: Visual Art	
Ceramics	80
Painting	80
Photography	80
Pre-Art Therapy	80
Printmaking	80
BA: Art	
Art History	40
Pre-Art Therapy	43
Visual Art	40
BS: Visual Arts Education	53
Minor in Art History	20
Minor in Graphic Design	23
Minor in Visual Art	24

It is the mission of the Department of Art and Design to develop our God-given creative gifts in order to integrate our personal, spiritual and professional lives.

Undergraduate Programs

Bachelor of Fine Arts (BFA)

The Bachelor of Fine Arts degree is recommended for students planning to enter one of the visual art professions and/or to do graduate work in visual art or art therapy. The studio-oriented BFA program requires 80 credits of visual art and art history courses plus the General Education courses. Central to the BFA curriculum is 28 credits of advanced design or visual art in a single emphasis. The process for entering a BFA program is two-fold. First, students are accepted into the BA degree program of the Department of Art and Design. Upon completion of the introductory-level courses and successful BFA review (no later than the end of their sophomore year), students can be accepted into the BFA program. The BFA requirement includes the successful completion of a senior exhibition and a portfolio of the student's work given to the Department of Art and Design.