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### **P e-P f e a P a**

Although essentially a liberal arts college, the College of Arts and Sciences offers certain pre-professional curricula for students who plan to enter professional schools. For medical and paramedical curricula, Andrews University maintains a special relationship with Loma Linda University.

### **C a c c**

Lee. E. Olson, Coordinator  
(269) 471-6491  
Physical Therapy Building

Entrance requirements for colleges of chiropractic vary. Students

entrance requirements for most dental schools follow. For more information, contact the American Association of Dental Schools (<http://www.aads.jhu.edu>) and the American Dental Association (<http://www.ada.org>).

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 Administration**

Health Information Administrator

Marcia A. Kilsby, Coordinator

LLU: Health Education: 4–5 credits (personal health or nutrition)  
 AU: HLED120 and 2 activity credits

Required Work Experience—40 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.

## O p t e a

James L. Hayward, Coordinator  
 (269) 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

## P h a r m a

D. David Nowack, Coordinator  
 (269) 471-6065  
 Halenz 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  
 Introduction to Psychology 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

## P h y s i c a l T h e r a p y

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.

## P h y s i c a l A s s e s s m e n t

from the department chair.

**Respiratory Care**

Bill Chobotar, Coordinator  
(269) 471-3262  
Price Hall (Science Complex)

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](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>

**Art & Design Faculty**

- Robert N. Mason, Chair  
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- Marc G. Ullom  
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Academic Programs	Credits
BFA in Visual Art	
Fine Art	72-74
Graphic Design	72-74
Pre-Art Therapy	72-74
BFA in Visual Communication	
Art Direction & Advertising	72-74
Graphic Design	72-74
Web Design	72-74
BFA in Photography	
Commercial Photography	72-74
Documentary Video	72-74
Fine Art Photography	72-74
BA in Art	
Art History	40
Pre-Art Therapy	43
Visual Art	40
BS in Visual Arts Education	57
Minor in Art History	20
Minor in Graphic Design	23
Minor in Visual Art	22
Minor in Digital Media	21
Minor in Photography	20