

Pre-Professional Program

Southwestern Adventist University offers preparation for a number of professional programs that are offered at other universities. Certain professional programs build upon a four-year baccalaureate degree from Southwestern Adventist University. Others require one, two, or three years of undergraduate preparation at Southwestern Adventist University before transferring to complete the program requirements. In either case these professional programs typically include a specific list of required courses.

Students in pre-professional programs that involve a four-year degree from Southwestern Adventist University are encouraged to consult routinely with their major advisor and their pre-professional advisor.

For further information including program prerequisite requirements access the given URL and meet with the pre-professional advisor.

Allied Health Foundations

This program provides an efficient path for students who wish to apply to the School of Allied Health Professions at Loma Linda University for a baccalaureate degree in one of several allied health fields. A student at Southwestern will complete the 60-hr Associate of Science degree. The requirements for this degree are found in the Core Curriculum for a Bachelor's Degree in this *Bulletin*.

With the guidance of an Allied Health advisor, the student will complete the courses that meet the entrance requirements of the program to which they seek entrance. A cumulative grade point average of at least 3.0 or even higher is necessary in order to be competitive for acceptance at most clinical allied health programs at Loma Linda. No grade lower than a "C" can be transferred to another program.

Information on various allied health careers can be found at [Loma Linda University's School of Allied Health Professions website](#):

Pre-Dentistry

Advisors: **Arthur Schwarz, Gerald Springer**

A Dentistry program is a graduate program building upon any four-year baccalaureate degree from Southwestern Adventist University that includes a specified list of prerequisites. Southwestern Adventist University coordinates with the medical program at [Loma Linda University](#).

Pre-Engineering

Advisor: **Ryan Loga**

Currently Southwestern Adventist University coordinates with Walla Walla University and Andrews University to offer the first year of an undergraduate program in Engineering.

Pre-Law

Advisor: **Elizabeth Bowser**

A graduate degree in law can be built on any four-year degree at Southwestern Adventist University. There are no specific prerequisite courses. However, a degree in the social sciences (such as English, History or Social Studies) can be a particularly useful background for law school.

Pre-Medicine

Advisor: **Peter McHenry, Arthur Schwarz, Gerald Springer**

A Medical Doctor program is a graduate program building upon any four-year baccalaureate degree from Southwestern Adventist University that includes a specified list of prerequisites. Southwestern Adventist University coordinates with the medical program at Loma Linda University.

Pre-Pharmacy

Advisor: **Amy McHenry**

A Doctor of Pharmacy program is a graduate program building upon any four-year baccalaureate degree from Southwestern Adventist University that includes a specified list of prerequisites. Southwestern Adventist University coordinates with the pharmacy program at Loma Linda University.

Pre-Physical Therapy

Advisor: **Jared Wood, Vesa Naukkarinen**

There are two paths available. The first involves completing a B. S. degree in programs such as Exercise Science or Biology, which include many of the prerequisites for admission to doctoral programs in Physical Therapy. Alternatively, one may undertake a three-year program of prerequisites that will prepare a student to transfer to Andrews' or Loma Linda's Physical Therapy programs.

Click for Information on [Andrews University's program](#)

Click for Information on [Loma Linda University's program](#)

Other Pre-professional Programs and Advisors		
Programs	Advisors	Major
Pre-Respiratory Care	Jared Wood	Biology
Pre-Chiropractic	Peter McHenry	Biology
Pre-Dental Hygiene	Jared Wood	Biology
Pre-Health Administration	Jared Wood	Biology
Pre-Health Informatics	Jared Wood	Biology
Pre-Nutrition	Amy McHenry	Biology
Pre-Occupational Therapy	Amy McHenry	Biology
Pre-Optometry	Amy McHenry	Biology
Pre-Orthotics and Prosthetics	Jared Wood	Biology
Pre-Osteopathy	Peter McHenry	Biology
pre-Physician Assistant	Amy McHenry	Biology
Pre-Public Health	Amy McHenry	Biology
Pre-Speech Pathology	Amy McHenry	Biology
Pre-Veterinary Medicine	Peter McHenry	Biology
Pre-X-Ray Technician	Jared Wood	Biology

Pre-professional Program Courses

These courses are offered as Southwestern Adventist University courses taught in a distance learning format by professors from Loma Linda University and Walla Walla University.

Pre-Professional Classes

ALHE 112: Medical Terminology

This course provides a foundation for understanding terminology used by health care providers. It includes elements of historical development of medical terms from their Latin and Greek derivations as well as acronyms and eponyms from modern language. Rules for combining word parts into medical terms, accurate pronunciation, and spelling are included. (Crosslisted with NURS 112).

Credits: 1

Program: Pre-Professional
Semester Offered: Fall

COMD 284: Introduction to Speech-Language Pathology and Audiology

Major types of disorders. Etiology and treatment. Survey course for students majoring in speech-language pathology and audiology, prospective teachers, and others who may encounter speech-language or hearing disorders in their professions. Taught through Loma Linda University, School of Allied Health Profession.

Credits: 2
Program: Pre-Professional
Semester Offered: Spring

DENT 201: Introduction to Dentistry

This course introduces students into the field of dentistry and dentistry related disciplines. Students will learn about dental anatomy and disease, as well as radiology and pharmacology as it relates to dentistry. Students will become aware of dental specialties such as Oral Surgery, Orthodontics, Endodontics and Pedodontics, as well as responsibility of those in various ancillary positions in a typical dental practice. Students will gain practice carving a tooth as well as learn about the management of a dental practice. A field trip to a local office is required. Pass/no pass course.

Credits: 1
Program: Pre-Professional
Semester Offered: Spring

ENGR 111: Introduction to Engineering and Design

Introduction to the profession of engineering, computer based engineering, calculation tools, analysis of team dynamics, the design process, systems engineering, and principles of project management. This is taught via distance learning from Walla Walla University, Edward F. Cross School of Engineering.

Credits: 2
Program: Pre-Professional
Semester Offered: Fall

ENGR 115: Introduction to CAD

Introduction to computer aided design, and computer aided engineering (CAD and CAE). Includes coverage of hand sketching, drafting standards, pictorial representations, and principles of descriptive geometry. Covers both 2- and 3-D CAD, discipline specific computer applications will be represented as available. Taught during the first 10 weeks of the semester live via webcast from Walla Walla University, Edward F. Cross School of Engineering.

Credits: 1
Program: Pre-Professional
Semester Offered: Spring

ENGR 116: CAD Project

A full-scale project emphasizing teamwork where possible, and written and oral engineering communications. The project is introduced in ENGR 111 and builds on the skills developed in ENGR 115. Taught during the last five weeks of the semester through Walla Walla University, Edward F. Cross School of Engineering.

Credits: 1
Program: Pre-Professional
Semester Offered: Fall, Spring