

PRE-HEALTH SCIENCE PROFESSIONS

PRE-MEDICINE

Departments : Biology and Physical Science.

Advisor: Joann S. Bowns (Biology)

Science 116, (435) 586-7927

J. Ty Redd (Chemistry)

Science 208, (435) 586-7904

<http://www.suu.edu/academics/prehealth.html#premed>

Admission to medical school is based on the following criteria: (1) excellent grades in undergraduate coursework, especially in science, (2) high scores on the Medical College Admission Test (MCAT), (3) interviews with medical school faculty.

Medical schools do not require specific undergraduate majors for admission; however, most applicants major in biology or chemistry. Generally, medical schools require the following courses, which may be integrated into many majors:

Biology – one year	BIOL 1030, 1050
General chemistry – one-year	CHEM 1210, 1220, 1230, 1240
Organic chemistry – one year	CHEM 2310, 2320, 2330
Physics – one year	PHSC 2010, 2020, 2040, 2050
English – one year	
Seminar – one semester	BIOL 4990
Seminar – one semester	BIOL 3990

In addition, mathematics through calculus is strongly recommended. Students who earn advanced placement or CLEP credit for the above courses must fill the requirements by taking alternative courses.

The MCAT is required for application to almost all medical schools. The test is offered in the fall and spring each year and scores are submitted with the application in early fall of the year prior to planning entrance to medical school. Most students should plan to take the MCAT in the spring of their junior year in college. Most medical schools require applications compiled through the American Medical College Application Service (AMCAS). For AMCAS material, see advisor.

Students planning to attend medical school are strongly urged to contact their advisor immediately upon enrolling. Similar general considerations apply to students who plan to attend chiropractic, optometric or podiatric schools.

In addition to these courses many dental schools require one year of English composition and recommend coursework in social sciences, business, foreign language, and art, especially sculpture. No majors are specified. A four-year baccalaureate degree is not required and students may apply for admission as soon as they have completed the required courses.

The Dental Admission Test (DAT) is required of all applicants to dental school. The test is offered in the fall and spring of each year and scores are submitted with applications in the fall of the year prior to planned entrance to dental school. Most dental schools require applications compiled through the American Association of Dental Schools Admissions Service (AADSAS). For AADSAS material inquire of the advisor.

The state of Utah does not have a dental school, but participates with Creighton University in Omaha, Nebraska, in a cooperative dental school program with tuition support. Students must be admitted to Creighton University in the usual manner, then apply for support under the cooperative program. Information about this program is available through the advisor.

All students interested in careers in dentistry are strongly urged to consult the advisor before selecting courses every semester.

PRE-VETERINARY MEDICINE

Departments: Applied Science and Biology

Advisor: Dan Dail

GC 406L (435) 586-7923

<http://www.suu.edu/academics/prehealth.html#prevet>

Preparation for veterinary school application ordinarily includes:

General chemistry – one year	CHEM 1210, 1230
Organic chemistry – one year	CHEM 2310, 2320
Biochemistry –one semester	CHEM 4110
Biology – one year	BIOL 1030, 1050
Genetics – one semester	BIOL 3060/3070
Physics – at least one semester of science-based physics	PHSC 2010
Math – statistics – one semester	Math 1040
Math – College algebra or higher math	Math 1050

Required minimum course work in the sciences, English, behavioral and social sciences, and humanities varies widely among schools of veterinary medicine. While applications can be made after approximately two years of concentrated pre-veterinary course work, veterinary schools report about four years of undergraduate study is typical of entering veterinary students.

Veterinary schools do not require a specific undergraduate major; however, the departments of applied science and biology cooperate closely in offering students the appropriate combination of courses and experiences to meet admission requirements. An SUU Bachelor's Degree in biology with complementary elective courses or a minor in agriculture/animal science can be earned in approximately four years and is excellent preparation for veterinary school or graduate studies in animal sciences or biology. A second track is the BIS degree in Agricultural Science and Industries with an appropriate concentration of biological and physical science courses incorporated into a general agriculture emphasis.

PRE-DENTISTRY

Departments : Biology and Physical Science

Advisor: Helen C. Boswell

Science 112, (435) 865-8163

J. Ty Redd (Chemistry)

Science 208, (435) 586-7904

<http://www.suu.edu/academics/prehealth.html#predentistry>

Typical entrance requirements to dental school include:

Biology – one year	BIOL 1030, 1050
General chemistry – one year	CHEM 1210, 1230
Organic chemistry – one year	CHEM 2310, 2320
Physics – one year	PHSC 2010, 2040
Seminar – one semester	BIOL 3990

Other Programs of Study

Above-average grades and satisfactory scores on the Veterinary Medicine Aptitude Test (VMAT) or the Graduate Record Exam (GRE) are required for admission to a school of veterinary medicine. Most applicants take the examination in the spring of their third year at SUU and apply to veterinary school in the fall of their senior year.

Utah does not have a school of veterinary medicine but participates with other states in cooperative programs with tuition support. Since requirements and application procedures vary among veterinary schools, students should consult with the advisor before selecting courses every semester.

PRE-OPTOMETRY

Departments: Biology and Physical Science

Advisor: Joann S. Bowns (Biology)

Science 116, (435) 586-7927

J. Ty Redd (Chemistry)

Science 208, (435) 586-7904

<http://www.suu.edu/academics/prehealth.html#preoptometry>

Minimum requirements for application to optometry school include:

Biology – one year	BIOL 1030, 1050
General chemistry – one year	CHEM 1210, 1230
Organic chemistry – one year	CHEM 2310, 2320
Physics – one year	CHEM 2310, 2320
English – one year	
Mathematics	MATH 1050, 1060, 1210
Behavioral Science 3-6 cr hrs	
Seminar – one semester	BIOL 3990

Additional coursework in statistics is recommended.

Applicants may be admitted after two years of undergraduate work but preference is given to students who have completed three or four years.

The Optometry College Admission Test (OCAT) is required of all applicants. The test is offered in the fall and spring of each year and scores are typically sent with applications in the fall of the year prior to planned admission to optometry school.

PRE-PHARMACY

Department: Chemistry

Advisor: J. Ty Redd

Science 208, (435) 586-7904

<http://www.suu.edu/academics/prehealth.html#prepharmacy>

Pharmacy is an undergraduate major not available at SUU. Students intending a career in pharmacy should plan to complete two years of preparatory work at SUU and then transfer to a pharmacy program.

The pharmacy degree requires general education courses which can be completed at SUU. Preparatory coursework typically includes:	BIOL 1030 and 1050, CHEM 1210, 1220, 1230, 1240, 2310, 2320, and 2330, MATH 1050, 1060, and 1210, and PHSC 2010, 2020, 2040, and 2050.
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The Pharmacy College Admission Test (PCAT) is required. Applications must be completed before mid-June of the year of admission to pharmacy school.

PRE-ALLIED HEALTH SCIENCES

Department: Biology

Advisor: David Braegger

Science 117, (435) 586-7926

<http://www.suu.edu/academics/prehealth.html#preallied>

A variety of professions are included in this category including medical technology, physical therapy, radiological technology, cytotechnology, dental hygiene and respiratory therapy. All of these professions require training not available at SUU. Some are undergraduate majors at other institutions; some are post-graduate training programs of varying durations; and some are available in both forms. Since entrance requirements and application procedures are so variable, students must consult the advisor each semester to outline courses of study appropriate for their personal goals.

PRE-LAW PROFESSION

PRE-LAW

Department Offering the Program: Social Sciences

Advisor: Rodney D. Decker or Dianne Werber

CN 225N

(435) 586-7898

<http://www.suu.edu/hss/socialscience/pre.html>

Pre-legal education

The student's undergraduate GPA and his/her score on the Law School Admission Test (LSAT) are the primary factors on which admission decisions are based. The importance of these factors cannot be overestimated

There is no established major for pre-law students. It is suggested that the pre-law student choose a major which interests him/her and supplement this curriculum with as many courses from other areas as possible. In addition to this, the pre-law student should read widely in areas outside the major. Developing the ability to teach oneself will be essential throughout one's career.

Curriculum guidance is readily available, and students considering entering the legal profession are urged to consult with a pre-legal advisor early in their undergraduate career. The following areas of study encompass these suggested courses which prepare students for the study of law: Oral and written communication, history and government, economics, mathematics, social and behavioral sciences, science and engineering, business, computer science, political science.

Grades

Good grades are essential to those interested in being accepted at a well-regarded school. However, it should be clear that one does not benefit from being so grade conscious that the major criterion for course selection becomes the likelihood of receiving an "A." Challenging, thought-provoking courses are the best way to prepare for the LSAT, for success in law school, and a member of the legal profession.

LSAT

The LSAT is the second major factor considered by law schools in determining admissibility. The test measures abilities and skills related to problem identification, analysis, logical reasoning, and reading. In addition, the LSAT includes a written essay, copies of which will be sent to individual law schools to enable them to evaluate a candidate's writing ability.

ATHLETICS

Director of Athletics, Thomas Douple
Associate Director of Athletics, Bill Givens
Compliance SWA, Myndee Larsen
Harris Center
(435) 586-1937
Website: <http://www.suu.edu/athletics/>

Staff

Director of Athletics: Thomas Douple; Associate Director of Athletics: Bill Givens; Assistant Director of Athletics: Myndee Larsen; Staff members: Gary Andersen, Scott Bauman, Richard Church, Kevin Clune, Darren Dahlin, Brian Dolan, Bill Evans, Neil Gardner, Shannon Henrie, Joe Hillock, Eric Houle, Steve Johnson, Connie Jones, Lenny Lee, Marsha Leeder, Quincy Lewis, Wes Meier, Tami Melton, Ricky Mendini, Sunny Myers, Caelee Opheikens, Kurt Palmer, Aaron Roderick, Laurel Simmons, Alena Simkins, Kalani Sitake, Brian Stock, Amber Trapp, Cole Wilson, Kyle Wilson.

Mission Statement

The program of intercollegiate athletics is organized and conducted as an integral part of the total education program of the University. The eight objectives of the program can be summarized as contributing to the educational objectives of the University, providing co-curricular experiences to student-athletes while they pursue an academic degree, and serving as a public relations vehicle for the University.

The intercollegiate program competes at the NCAA Division I level in the sports of men's and women's basketball, men's and women's cross country, women's tennis, women's softball, men's golf, baseball, women's gymnastics, and men's and women's indoor and outdoor track and field, women's soccer, and I-AA football.

Physical Education/ Intercollegiate Athletics Courses

Participation in fitness courses and intercollegiate athletics is encouraged for all eligible students. Fitness courses are available to all students. However, to compete in intercollegiate athletics, a student must enroll in the appropriate physical education courses, have a medical examination, and obtain permission of the instructor. Further, a student must be declared eligible under NCAA and conference rules. Some courses may be repeated for credit.



ETHNIC STUDIES

Coordinator: Lynne Brown
SUU Multicultural Center
Sharwan Smith Center
586-7771

Website: <http://www.suu.edu/ss/mcc/>

Academic enrichment programming with a multicultural emphasis is offered for HIST 2920/4920 credit. Course work is based on lectures, workshops, book and film discussions and panel discussions relative to the issue of ethnic minorities, and in conjunction with African-American focus, Native American focus, as well as other cultural awareness programs.

International Studies
Coordinator: Lynne Brown
SUU Multicultural Center
Sharwan Smith Center
586-7771

Fall semester of each year an International Studies Focus Week delivers to campus a variety of speakers, films and discussion groups designed to provide an orientation to and awareness of international issues and cultural diversity. Various guest faculty and campus faculty are involved in creating annual programming as well as in lecturing and leading discussions during International Week. HIST 2920/4920 credit is offered.

