



UNIVERSITY of  
SAINT FRANCIS™

# PRE-MEDICAL PROGRAM

## B a c h e l o r o f S c i e n c e D e g r e e

### University Profile

The University of Saint Francis was founded in 1890 and has a rich heritage of offering quality education. Rooted in the Catholic and Franciscan traditions of Faith and Reason, the University of Saint Francis engages a diverse community in learning, leadership and service.

The campus has 108 acres of rolling lawns and trees with 19 buildings and four residence halls that surround beautiful Mirror Lake.

Personal attention to students is what makes a USF education so meaningful and enriching to its approximately 2,000 students.

### Pre-Medical Program

The Department of Biology, [www.sf.edu/sf/arts-sciences/biology](http://www.sf.edu/sf/arts-sciences/biology), offers a quality pre-medical program in the liberal arts tradition. The biology faculty is known for its dedication and service to students and excellent teaching. Small class size optimizes interactions between professors and students, and instructors get to know each student personally.

High school students planning to enter a college pre-professional program should have a strong background in science and math. Courses in biology, chemistry and physics, as well as in algebra and geometry, are essential. A four-year bachelor's degree program must be completed before a student can be accepted into a professional program.

A successful medical career begins with a thorough pre-medical education in the basic sciences to prepare students for the difficult Medical College Admission Test (MCAT) and the rigors of medical school. The university is a recognized regional leader in healthcare education, and the quality of its pre-medical program contributes to that recognition. University of Saint Francis graduates have enrolled in many of the best known and most prestigious medical schools in the nation.

Graduates have gone on to complete degrees from medical schools in Indiana, Michigan, Ohio, Utah, Georgia, and Wisconsin. The acceptance rate into medical school for University of Saint Francis graduates is approximately 80 percent.

Students with an undergraduate biology major are also well prepared to apply for acceptance into the Master of Science in Physician Assistant Studies at the University of Saint Francis.

### Biology/Chemistry/ Environmental Science Seminars

All Biology, Pre-Professional, Clinical Laboratory Science (Medical Technology), Chemistry, Early Entry Physician Assistant, Environmental Science, and Secondary Education Biology/Chemistry/General Science majors attend Seminars each week for every semester they are on campus.

Seminars consist of outside speakers such as MDs, Veterinarians, Clinical Laboratory Scientists (Medical Technologists), Physician Assistants, Osteopathic Physicians, Pharmacists, Environmental Scientists, Research Biologists, Research Chemists, and others. Faculty members explain their research programs so that students can get involved in faculty/student research projects. Upper-level students make presentations about research they have done or internships they have completed. There is no tuition charge for Seminars except for the one semester students are required to make a presentation. Seminars provides an opportunity for all science majors to interact and to get to know the faculty who also attend Seminars each week.

### Pre-Medical Advising

Upon successful completion of the first semester, all students in the pre-medical program are assigned a pre-medical advisor who is also a member of the Pre-Medical Advisory committee. These faculty members attend pre-medical advisory conferences and

develop expertise in medical college admissions counseling. They also assist students in preparing and applying to medical school. When letters of recommendation are required, they will support the student's application with specific examples of his or her accomplishments.

### Research Opportunities

Besides completing pre-medical program coursework, university pre-medical students are provided the opportunity to conduct undergraduate research projects under the direction of experienced faculty members. Many also complete scientific research internships off campus. USF students routinely present their research at regional and national conferences. Several USF students have won prestigious national awards and others have published in scientific journals before applying to medical school. These research opportunities give USF students an advantage over medical school applicants without research experience, since undergraduate research is viewed favorably by medical college admissions committees during the selection process.

### Helpful Links

American Association of Colleges of Osteopathic Medicine: [www.aacom.org](http://www.aacom.org)

Association of American Medical Colleges: [www.aamc.org](http://www.aamc.org)

The American Medical College Application Service: [www.aamc.org/audienceamcas.htm](http://www.aamc.org/audienceamcas.htm)

Medical College Admission Test: [www.aamc.org/students/mcat](http://www.aamc.org/students/mcat)

Indiana University School of Medicine: [www.medicine.iu.edu](http://www.medicine.iu.edu)

## Science Symposium

Science Symposium is offered for high school students during their sophomore, junior and senior years, two times a year. Cumulative scholarships are available for those who choose to major in science at USF.

## Sample Curriculum

Admission requirements of most medical schools, including Indiana University, are a baccalaureate degree, one year of general chemistry, one year of organic chemistry, one year of physics, and one year of general biology. The University of Saint Francis pre-medical curriculum is designed to meet all medical school admission requirements and prepare students to achieve high scores on the MCAT.

## Freshman Year

Fall (17 hours)

Principles of Biology I	4
Principles of Chemistry I	4
Math (by placement)	3
iConnect	3
English Composition	3
Seminar	0

Spring (16-17 hours)

Principles of Biology II	4
Principles of Chemistry II	4
Math (by placement)	3
Fund. of Public Communication	3
Fine Arts Gen Ed Requirement	2-3
Seminar	0

## Sophomore Year

Fall (16 hours)

Genetics	4
Organic Chemistry I	4
Religion Gen Ed Requirement	3
History Gen Ed Requirement	3
Phys Ed Gen Ed Requirement	2
Seminar	0

Spring (17 hours)

Microbiology	4
Organic Chemistry II	4
Social Science Gen Ed Requirement	3
Literature Gen Ed Requirement	3
Society and Env Gen Ed Requirement	3
Seminar	0

## Junior Year

Fall (16-17 hours)

Biochemistry	3
Physics I	4
Major-directed Elective	3-4
Theology Gen Ed Requirement	3
Elective	3
Seminar	0

Spring (16-17 hours)

Cell Biology	3
Physics II	4
Major-directed Elective	3-4
Phil/Ethics Gen Ed Requirement	3
Elective	3
Seminar	0

## Senior Year

Fall (15 hours)

Molecular Biology	3
Research (capstone course)	3
Soc. Responsibility	3
Gen Ed Requirement	
Elective	3
Elective	3
Seminar	0

Spring (14-15 hours)

Biotechnology Lab	1
Major-directed Elective	3-4
Elective	3
Elective	3
Elective	3
Seminar	1

## Financial Aid

Financial aid is available in the form of scholarships, grants, loans, and work study. Over 95 percent of undergraduate students receive some form of financial assistance; most receive more than one type of aid. Early estimator packages are available for dependent students during the fall at [www.sf.edu/financialaid](http://www.sf.edu/financialaid).

All students are encouraged to complete the Free Application for Federal Aid (FAFSA). Priority deadline is no later than March 10.

## For More Information

Contact the Office of Admissions at 260-434-3279 or 1-800-729-4732 or visit our website at [www.sf.edu](http://www.sf.edu).