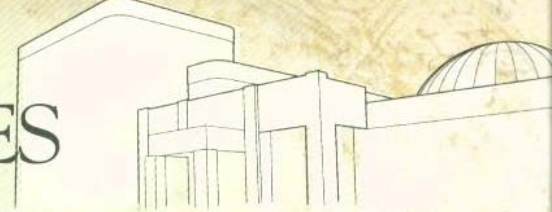


# SCHOOL OF ARTS AND SCIENCES



## PRE-OSTEOPATHIC MEDICINE WITH DUAL ACCEPTANCE

### 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 2,100 students.

### Dual Acceptance for Doctorate of Osteopathic Medicine

The Department of Biology is pleased to offer a dual acceptance program for high school seniors interested in the profession of medicine. Applicants may gain admission to both the University of Saint Francis and Midwestern University's Chicago College of Osteopathic Medicine. Students who successfully complete the Bachelor of Science program and demonstrate satisfactory academic progress are guaranteed admission to the Chicago College of Osteopathic Medicine for their fifth and subsequent years of study.

A student who successfully completes the entire program and Board Exams becomes a Doctor of Osteopathic Medicine—a physician fully trained and licensed to perform surgery and prescribe medicine. As compared to an MD, the Doctor of Osteopathic Medicine engages in a complete system of medical care embracing the challenge to treat the whole person, focusing on the interrelationships

of structure and function and the appreciation of the body's self healing capacity.

### Pre-Osteopathic Medicine 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 of Saint Francis is a recognized regional leader in healthcare education, and the quality of its pre-professional programs contributes to that recognition. The Department of Biology offers a quality pre-osteopathic medicine program in the liberal arts tradition. The biology faculty are known for their 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.

Students interested in Osteopathic Medicine, but not the dual acceptance option with Midwestern University, are encouraged to select a Pre-Medicine major and work closely with their academic advisor to ensure coursework includes the requirements for graduate school.

### Admission Requirements

Admission is governed by the current policies of USF and Midwestern University. High school students planning to enter the program should have a strong academic background with emphasis on science and math. Four years of English, four years of math through pre-calculus, and three years of science including chemistry, biology and physics are required.

### Progression Standards

The four-year Bachelor of Science degree

program must be completed before a student can matriculate to the Midwestern University Osteopathy program. College courses in biology, chemistry and physics are included in the curriculum and students must demonstrate a high level of academic achievement.

For guaranteed admission to the Midwestern program, students must:

- Maintain a GPA of 3.5.
- Receive no grades below a "C."
- Adhere to the USF pre-osteopathic medicine program curriculum.

### Biology/Chemistry/ Environmental Science Seminars

All undergraduate science majors attend weekly seminars every semester they are on campus. Seminars consist of outside speakers such as Osteopathic Physicians, MDs, Veterinarians, Clinical Laboratory Scientists (Medical Technologists), Physician Assistants, 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 Science Seminar except for the one semester students are required to make a presentation. Seminars provide an opportunity for all science majors to interact and to get to know the faculty who also attend Science Seminar each week.

### Pre-Osteopathic Medicine Advising

Upon successful completion of the first semester, all students in the pre-

osteopathic medicine program are assigned an experienced undergraduate advisor. These faculty members attend conferences and develop expertise in medical counseling and assist in the transition to Midwestern University.

## Research Opportunities

Besides completing pre-osteopathic 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 students have won prestigious national awards and others have published in scientific journals before going to medical school.

## Three Rivers Symposium

Three Rivers Symposium is offered two times a year for high school students during their sophomore, junior and senior years. College level laboratory experience is available through various workshops in biology and chemistry. Workshops in math, English, philosophy, and theology are often offered as well. Cumulative scholarships are available for those who choose to major in School of Arts and Sciences programs.

## Valuable Resources

Midwestern University Chicago College of Osteopathic Medicine:  
[www.midwestern.edu/com](http://www.midwestern.edu/com)

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

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

## Curriculum

(128 credit hours)

### Freshman Year

Fall (17 hours)

|                           |   |
|---------------------------|---|
| Principles of Biology I   | 4 |
| Principles of Chemistry I | 4 |
| Math (by placement)       | 3 |

|                     |   |
|---------------------|---|
| iConnect            | 3 |
| English Composition | 3 |
| Science Seminar     | 0 |

### Spring (16-17 hours)

|                                      |     |
|--------------------------------------|-----|
| Principles of Biology II             | 4   |
| Principles of Chemistry II           | 4   |
| Math                                 | 3   |
| Fundamentals of Public Communication | 3   |
| Fine Arts Gen Ed Requirement         | 2-3 |
| Science 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 |
| Science Seminar             | 0 |

Spring (17 hours)

|                                     |   |
|-------------------------------------|---|
| Ecology and Diversity               | 4 |
| Organic Chemistry II                | 4 |
| Social Science Gen Ed Requirement   | 3 |
| Literature Gen Ed Requirement       | 3 |
| Society and Env. Gen Ed Requirement | 3 |
| Science Seminar                     | 0 |

### Junior Year

Fall (16 hours)

|                                    |   |
|------------------------------------|---|
| Biochemistry                       | 3 |
| Physics I                          | 4 |
| Mammalian Anatomy and Physiology I | 3 |
| Theology Gen Ed Requirement        | 3 |
| Elective                           | 3 |
| Science Seminar                    | 0 |

Spring (16 hours)

|                                     |   |
|-------------------------------------|---|
| Cell Biology                        | 3 |
| Physics II                          | 4 |
| Mammalian Anatomy and Physiology II | 3 |
| Phil/Ethics Gen Ed Requirement      | 3 |
| Elective                            | 3 |
| Science Seminar                     | 0 |

### Senior Year

Fall (16 hours)

|  |   |
|--|---|
| Molecular Biology                      | 3 |
| Biotechnology Lab                      | 1 |
| Biology Capstone                       | 3 |
| Soc. Responsibility Gen Ed Requirement | 3 |
| Elective                               | 3 |

|                 |   |
|-----------------|---|
| Elective        | 3 |
| Science Seminar | 0 |

### Spring (14-15 hours)

|                         |     |
|-------------------------|-----|
| Microbiology            | 4   |
| Major-Directed Elective | 3-4 |
| Elective                | 3   |
| Elective                | 3   |
| Science Seminar         | 1   |

## Financial Aid

Financial aid is available in the form of scholarships, grants, loans, and work study. More than 95 percent of undergraduate students receive financial assistance; most receive more than one type of aid. Early Aid 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 Student Aid (FAFSA). Priority deadline is no later than March 10.

## For More Information

Call the Office of Admissions at 260-399-8000 or 1-800-729-4732, or visit our website at [www.sf.edu](http://www.sf.edu).

