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**MINNESOTA STATE  
UNIVERSITY**  
MANKATO

## PRE-OSTEOPATHIC MEDICINE & SURGERY

*College of Science, Engineering & Technology*

### WHAT DEGREES AND PROGRAMS DO WE OFFER?

The general requirement for admission to a college of osteopathic medicine is a bachelor's degree. A few exceptional students are admitted with three years of college. The Medical College Admissions Test is required of all applicants. During their second year in college, students are encouraged to contact the osteopathic college or university that they plan to attend.

### NATURE OF THE PROFESSION

Osteopathic medicine emphasizes the interrelationship of the body's structure and systems. The osteopathic philosophy of treating the whole person is applied to the prevention, diagnosis, and treatment of illness, disease, and injury. The Doctor of Osteopathy (D.O.) is a fully-trained physician. The American Medical Association recognizes D.O.s and M.D.s as equals.

Osteopathic physicians focus on preventive health as well as the alleviation of disease and illness. To identify and treat pre-disease and diseased conditions, D.O.s use observation, definitive history taking, clinical judgment, palpation, and other standard diagnostic and therapeutic procedures.

### PLACES OF EMPLOYMENT

Osteopathic doctors work in private offices, group practice, health maintenance organizations (HMOs) and hospitals. Like other health care practitioners who are self-employed, work hours are generally established by other practitioner in the area. While many people in the profession may average about 40 hours per week, this could vary from 30 to 50 hours per week with some time involving evenings and Saturday.

### EMPLOYMENT POTENTIAL

Osteopathic Medicine was the fastest growing health profession during the last decade. About 60 percent of the nation's 30,000 D.O.s are in primary care, while 28 percent are board certified in a medical specialty. Annual median salary for D.O.s practicing family medicine was \$209,716 in 2019. For pediatricians, the median salary was \$205,908 in 2019, and the median salary for internists was \$223,700 in 2019.

Colleges of Osteopathic Medicine and Surgery require a minimum of 90 semester hours for Admission, however, most students admitted to these programs have completed undergraduate degrees.

Common majors for students pursuing the Pre-Osteopathic Medicine and Surgery advising track are Biology, Biomedical Sciences, Chemistry and Biochemistry, however, students may choose any major as long as all pre-requisite courses are incorporated into the coursework.

### COURSE RECOMMENDATIONS

#### Required General Education:

Communications: ENG 101 (4), 271W (4)

Mathematics: MATH 112 (4) and 113 OR 115 (4)

Psychology: PSYC 101

Sociology: SOC 101

#### Required for Advising Track:

Biology: BIOL 105, 106

Chemistry: CHEM 201, 202, 322, 324, 325, 360 OR 460

Physics: PHYS 211 and 212

## FOR MORE INFORMATION PLEASE CONTACT

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### Email

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### Website

cset.mnsu.edu/cset-advising-center/pre-professional/

You are encouraged to visit the campus.

To arrange for a visit, please call:

Office of Admissions: 507-389-1822

Toll-free: 800-722-0544

## GO PRO LEARNING COMMUNITY

If you are entering college planning to continue advanced education by attending medical school, veterinary school, physical therapy school, or other professional programs, your path could be complex and challenging. The Pre-Professional Sciences learning community is here to help! The learning community will offer you support in your course work by having group study session throughout the week with others in your classes. You will also have the opportunity to have your questions answered through your interaction with faculty from these departments. The learning community is here to help guide you in the process of pursuing these demanding programs.

### WHAT YOU'LL TAKE:

As a part of the learning community, you'll be enrolled in the following courses:

#### Fall Semester

SOC 101: Introduction to Sociology (3 credits)

FYEX 100: First Year Seminar (1 credit)

BIOL 105: General Biology I (4 credits)

#### Spring Semester

PSYC 101: Introduction to Psychological Science (4 credits)

CMST 102: Public Speaking (3 credits)

BIOL 106: General Biology II (4 credits)

By enrolling in 15 credits or more per semester, you are more likely to complete your Bachelor's degree in 4 years.

### WHERE YOU'LL LIVE:

Students will be assigned to renovated double rooms (Crawford A, B, D, McElroy E, F, H or Preska I). Renovated rooms have in-room air-conditioning and share a community bathroom with the floor. Learning Community students are housed with other students in the same learning community.

For additional information about course requirements, please visit <http://www.mnsu.edu/supersite/academics/bulletins/>

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