

PRE-MEDICINE

Medicine is a pre-professional program. The purpose of pre-professional programs is to provide students with the intellectual and academic backgrounds they will need before continuing their education in degrees not offered at Minnesota State Mankato. Acceptance to professional educational institutions is contingent upon academic performance, so students enrolling in pre-professional programs should be highly motivated and realize they are expected to maintain standards of excellence.

PROGRAMS



DEGREES AND CERTIFICATES

Pre-Medicine is a preprofessional program not a degree program. Acceptance into medical school usually requires an undergraduate degree (in a related major) with a set of core requirements from the natural sciences and mathematics. Students may choose from a variety of undergraduate majors.

Advisors play an important role in guiding the students enrolled in such programs so students are urged to contact the advisor before enrolling.

ABOUT THE PROGRAM

"Pre-Med" means you are following a course of study which will prepare you to apply to a medical school (or other post-graduate health profession). As a pre-med student, you will take classes and gain experience that post-graduate schools look for in qualified applicants. Pre-Medicine is not a degree program. It is a curriculum designed to prepare you to apply to a health professional school.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Patient Safety and Care
- Knowledge of Medicine
- Communication Skills
- Organization Skills
- Medical Charts
- Critical Thinking and Decision-Making

CAREERS

- Physician
- Pathologist
- Healthcare Administrator
- Pathologist
- Medical Assistant
- Laboratory Technician

EMPLOYERS

- United Health Group
- Mayo Clinic Hospital
- Optum Health
- Allina Health
- HealthPartners
- Fairview Health Services

INSPIRED ACTION



EMPLOYMENT RATE

95.80%

of program graduates begin their career within one year of graduation.

link.mnsu.edu/graduate-follow-up

MEDIAN SALARY

\$63,000

The median annual wage for Healthcare Occupations was \$63,000 in May 2022.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Healthcare Occupations at link.mnsu.edu/healthcare-occupations-salary

PROGRAM WEBSITE



link.mnsu.edu/premedicine

COURSES REQUIRED FOR THE PRE-MEDICINE ADVISING TRACK

TYPICAL REQUIREMENTS INCLUDE (BUT ARE NOT LIMITED TO)

NOTE: FOR COURSE DESCRIPTIONS, REFER TO THE CURRENT UNDERGRADUATE BULLETIN.

GENERAL BIOLOGY (8 CREDITS MINIMUM)

- BIOL 105
- BIOL 106

Students are encouraged to take additional electives from the following list to enhance their knowledge in basic biology: BIOL 211, BIOL 220, BIOL 270, BIOL 316, BIOL 320, BIOL 330, BIOL 435, BIOL 474.

CHEMISTRY WITH LABORATORY (GENERAL, INORGANIC AND ORGANIC CHEMISTRY (14 CREDITS MINIMUM)

- General chemistry: CHEM 201, CHEM 202
- Organic chemistry: CHEM 322, plus CHEM 323
- Biochemistry: CHEM 360

Students are encouraged to take CHEM 305 as an elective.

PHYSICS WITH LABORATORY (8 CREDITS MINIMUM)

- PHYS 211 and PHYS 212 or
- PHYS 221 and PHYS 222

MATHEMATICS (INTRODUCTORY COURSE IN CALCULUS AND UPPER LEVEL STATISTICS)

- MATH 121
- HLTH 475

ENGLISH OR LITERATURE (ONE YEAR)

- ENG 101
- An additional 4 credits of writing intensive coursework in English

Students are encouraged to take ENG 271W as an elective.

SOCIAL AND BEHAVIOR SCIENCES AND HUMANITIES (18 CREDITS MINIMUM)

- Students are encouraged to include PSYC 101, SOC 101 and PHIL 222W among these electives.

For more information about program requirements, visit: cset.mnsu.edu/cset-advising-center/pre-professional/premed/

LEARN MORE

Pre-Medicine

CSET Advising Center
507-389-1521

NOTES
