WHAT PROGRAMS DO WE OFFER?

Pre-Medicine is not a certified major discipline. 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.

CAREER OPPORTUNITIES AVAILABLE FOR STUDENTS COMPLETING THIS PROGRAM

The full practice of medicine requires a Doctor of Medicine (MD) or Doctor of Osteopathic (DO) degree. Physicians routinely perform physical examinations, diagnose illnesses, and treat diseases and injuries. Specialties include family practice, surgery, internal medicine, cardiology, psychiatry, dermatology, etc. In addition to four years of medical school, specialties require an additional three to seven years of training. In 2018, the median annual wage was $170,000 to $220,000 per year.

WHAT CAN I DO WITH THIS DEGREE?

Academic
You can apply for admission to medical school when you complete your degree with a strong academic record and have completed the Medical College Admissions Test (MCAT) exam with a competitive score.

Careers
Medicine is a rapidly changing, expanding profession. Traditionally, medical doctors have earned a more than adequate income, and a successful practice provides considerable financial security. Medicine also offers job security as demand for health care will always exist.

PROGRAM QUALITY INDICATORS

Alumni successes
Many successful physicians in a diversity of specialties have received their undergraduate degrees from Minnesota State Mankato. To our knowledge all Minnesota State Mankato graduates who have entered medical school have successfully completed their training with few exceptions. Minnesota State Mankato students score at or above national averages.

STUDENT EXPERIENCE/PROGRAM REQUIREMENTS

Faculty/student ratio
Labs are generally small: 1:20. Upper division courses ratio is 1:20.

Specialized equipment available
Electron microscopes, electrophoresis units, ultracentrifuges, gcms, spectrophotometers.

Unique program components and internships
Students are encouraged to enroll in internships and independent research projects.

Scholarships
Approximately 50 scholarships in the College of Science, Engineering and Technology are available to upper level students.

Student/faculty opportunities for collaboration
Students receive advising and encouragement from their faculty advisors.

Clubs and organizations
• PreMed Club
• Biology Club
• Chemistry Club
• Thrribeta Biological National Honor’s Society

Undergraduate research activity
A particular benefit for students at Minnesota State University, Mankato, is the opportunity to engage in independent research with faculty as an undergraduate and to participate in the Undergraduate Research Conference.

BACKGROUND PREPARATION

Students planning for a career in medicine are urged to complete four years of mathematics, physics, chemistry, and biology in high school. Participating in volunteer services that provide insights into the medical and health care professions is encouraged.
COURSE RECOMMENDATIONS

The recommended courses outlined below are based on preparation requirements for the University of Minnesota (Twin Cities) Medical School and for the Medical College Admission Test (MCAT). Specific requirements may vary among Medical Schools. Students are encouraged to investigate by consulting the appropriate Websites.

Although no specific bachelors degree is required for medical school admission, it is typical for pre-med students at Minnesota State Mankato to complete degree majors in Biomedical Science, biochemistry, chemistry or physics, since these majors incorporate many of the recommended preparation courses:

- Biology: BOL 105, 106, 211, 220, 270, 316, 320, 330, 435, 474
- Chemistry: CHEM 201, 202, 322, 323, 360
- Communications: ENG 101, 211W
- Mathematics: MATH 121,
  HILT 475
- Physics: PHYS 211 and 212 or 221 and 222
- Social & Behavioral Science: SOC 101,
  PSYC 101,
  Plus one Upper Division [300/400] level Writing Intensive Humanities or Social Science

Admission to medical school is highly competitive and a strong undergraduate GPA is required.

FOR MORE INFORMATION PLEASE CONTACT

Marie Slotemaker,
Academic Advisor Pre-Professional Tracks,
College of Science Engineering & Technology
Minnesota State University, Mankato
125 Traffic Science Center
Mankato, MN 56001
Phone
507-389-1521
800-627-3529 or 711 [MRS/TTY]
Email
marie.slotemaker@mnsu.edu
Website
cset.mnsu.edu/sacc/preprofessional/
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:

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>SOC 101: Introduction to Sociology (3 credits)</td>
<td>PSYC 101: Introduction to Psychological Science (4 credits)</td>
</tr>
<tr>
<td>FYEX 100: First Year Seminar (1 credit)</td>
<td>CMST 102: Public Speaking (3 credits)</td>
</tr>
<tr>
<td>BIOL 105: General Biology I (4 credits)</td>
<td>BIOL 106: General Biology II (4 credits)</td>
</tr>
</tbody>
</table>

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/