

PRE-PHARMACY

Students interested in the requirements for pharmacy school should consult catalogs from the pharmacy colleges of their choice. Some pharmacy programs consist of two years of pre-pharmacy training followed by three or four years at a university school of pharmacy. However, most students will complete a Bachelor's degree.

PROGRAMS



DEGREES AND CERTIFICATES

Pre-Pharmacy is a pre-professional advising track, not a degree program. Students interested in the requirements for pharmacy school should consult catalogs from the pharmacy colleges of their choice.

Each pharmacy college has its specific pre-pharmacy requirements. Students should consult with the pre-pharmacy advisor for suggested electives and any required program changes.

ABOUT THE PROGRAM

Pre-Pharmacy is a pre-professional advising track. A pre-professional track provides students with the intellectual and academic backgrounds they will need before continuing their education in degrees not offered at Minnesota State Mankato.

Advisors play an important role in guiding the students enrolled in such a plan of study, so students are urged to contact the advisor before enrolling.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Analytical Skills
- Verbal Communication Skills
- Medicine, Science and Math Skills
- Interpersonal Skills
- Accuracy
- Advocacy

CAREERS

- Pharmacist

EMPLOYERS

- Drug Stores
- Healthcare Providers
- Research Facilities
- Federal Government
- Telehealth
- Telepharmacy

INSPIRED ACTION



EMPLOYMENT RATE

95.8%
of program graduates begin their careers within one year of graduation.

link.mnsu.edu/graduate-follow-up

MEDIAN SALARY

\$136,030

The median annual wage for Pharmacists in May 2023.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Pharmacists at link.mnsu.edu/pharmacists-salary

PROGRAM WEBSITE



link.mnsu.edu/prepharmacy

COURSES REQUIRED FOR THE PRE-PHARMACY ADVISING TRACK

REQUIRED FOR PROGRAM

- BIOL 105 General Biology I (4)
- BIOL 220 Human Anatomy (4)
- BIOL 270 Microbiology (4)
- BIOL 330 Principles of Human Physiology (4)
- CHEM 201 General Chemistry I (5)
- CHEM 202 General Chemistry II (5)
- CHEM 360 Principles of Biochemistry (4) **OR**
BIOL 211 Genetics (4) **OR**
BIOL 320 Cell Biology (4) **OR**
BIOL 479 Molecular Biology (4)
- COMM 102 Public Speaking (3) **OR**
COMM 101W Interpersonal Communications (4)
- ECON 202 Principles of Microeconomics (3)
- ENG 201W Intermediate Writing (4) **OR**
ENG 271W Technical Communication (4) **OR**
ENG 301W Advanced Writing (4)
- MATH 121 Calculus I (4)
- PHYS 221 General Physics I (4) **OR**
PHYS 211 Principles of Physics I (4) **AND**
PHYS 212 Principles of Physics II (4)
- PSYC 101 Introduction to Psychological Science (4)
- STAT 154 Elementary Statistics (4) **OR**
STAT 354 Concepts of Probability & Statistics (4) **OR**
MATH 354 Concepts of Probability & Statistics (4)

Pharmacy programs typically require 60-64 credits of coursework, including the above. Substitutions for both science and non-science courses should be chosen after studying the requirements of particular pharmacy schools. Please contact a pre-pharmacy advisor.

For more information about program requirements, visit:

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

LEARN MORE

Pre-Pharmacy

CSET Advising Center

507-389-1521

csetadvising@mnsu.edu

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