

ASSOCIATE OF SCIENCE

Pharmacy

Rapid growth of the health care and pharmaceutical industries, especially for the growing elderly population, has created strong, increasing demand for trained pharmacists. A career in pharmacy offers opportunities to advance health care and health sciences so people can live stronger, healthier lives. It's also a career that offers great pay and flexibility.

DCB's pharmacy program is designed to prepare a student who wishes to apply to a Doctor of Pharmacy program at a school of Pharmacy. The course work generally requires a minimum of two full-time academic years of study.

The practice of pharmacy requires detailed knowledge of the physical and chemical properties of drugs as well as their particular biologic effects. Pharmacists practice in a variety of settings, including community pharmacies, hospitals, drug industries, and government agencies. They may provide patient care, teach at colleges and universities, or perform pharmaceutical research.

Why study pharmacy?

There has never been a more exciting time to study and enter the profession of pharmacy. Recent changes in the profession have seen pharmacists become more actively involved in the health care of the public and move further away from the traditional role of dispensing medicines. The focus today is on the patient, determining their needs and what should be provided to best meet those needs. The ultimate goal of a pharmacy professional is to improve an individual's quality of life. The study of pharmacy prepares you for such a life-long commitment.

Career choices

Examples of careers in which you can utilize a pharmacy degree include:

- Pharmacologist
- Research scientist (medical)
- Higher education lecturer
- Regulatory affairs officer
- Science writer
- Product/process development scientist
- Community or hospital pharmacist
- Clinical research associate
- Medical sales representative
- Research scientist (life sciences)
- Toxicologist

General education requirements

These required classes will allow you to transfer to a four-year university.



COURSES REQUIRED

Pharmacy (AS)

Freshman Year	Fall	Spring
BIOL 150 General Biology I	4 cr	
CHEM 121 General Chemistry I.....	4 cr	
ECON 201 Principles of Microeconomics	3 cr	
ENGL 110 College Composition I	3 cr	
MATH 105 Trigonometry	3 cr	
or MATH 107 Precalculus	4 cr	
BIOL 151 General Biology II.....	4 cr	
CSCI 101 Intro. to Computers	3 cr	
CHEM 122 General Chemistry II.....	4 cr	
ENGL 120 College Composition II	3 cr	
MATH 165 Calculus I.....	4 cr	

Sophomore Year	Fall	Spring
BIOL 220 Anatomy & Physiology I.....	4 cr	
Fine arts/humanities elective.....	3 cr	
PHYS 211 College Physics I	4 cr	
Social science elective	3 cr	
Wellness elective	1 cr	
BIOL 202 Microbiology	4 cr	
BIOL 221 Anatomy & Physiology II	4 cr	
COMM 110 Fund. of Public Speaking	3 cr	
Fine arts/humanities elective.....	3 cr	
Social science elective	3 cr	
Wellness elective	1 cr	

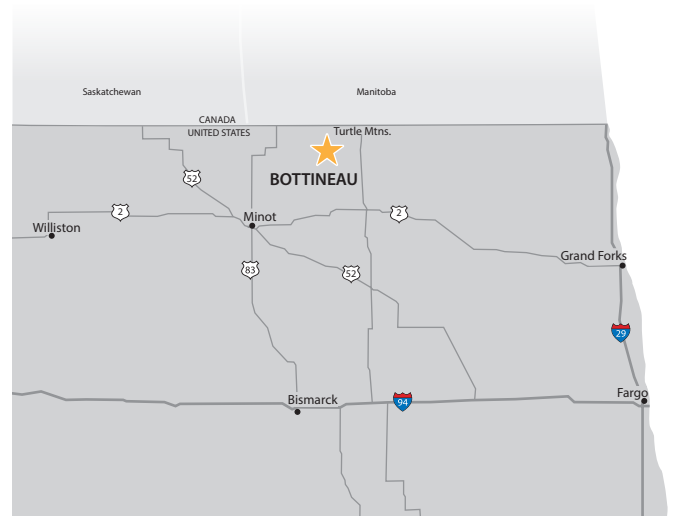
*Recommended CHEM 241, 242 Organic Chemistry I, II prior to PCAT Exam.

All courses subject to change.



DAKOTA COLLEGE AT BOTTINEAU VISION

Dakota College at Bottineau is rooted in the past and grows towards the future by combining the best from the *Past, Present, and Future* to provide students with innovative educational opportunities. The campus will emphasize a knowledge and appreciation of *Nature*, implement a rapidly changing *Technology*, and prepare students to go *Beyond* and improve the quality of life.



CONTACT INFORMATION



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Admission/Student Services: 800-542-6866

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