



A UNIVERSITY OF SASKATCHEWAN COLLABORATION:

College of Medicine

College of  
Arts and Science

USASK.CA

# Biomedical Sciences AT A GLANCE



**The University of Saskatchewan's biomedical sciences (BMSC) program prepares students for a wide range of careers in the health sciences, including medicine, veterinary medicine, kinesiology, pharmacy, physical therapy and research. These degrees also prepare you to work as biomedical science experts in other fields—business, teaching, communications and regulatory industries.**

The Colleges of Medicine and Arts & Science have partnered on modern, revamped degree offerings to ensure our students receive training that prepares them for the rapidly evolving world of biomedical sciences.

Our new BMSC program provides a solid academic foundation, grounded in innovative, inter-disciplinary research and learning opportunities. This undergraduate degree equips students with the skills and knowledge for a research or health-sciences related career path.

The first two years of all BMSC majors are referred to as the BMSC core platform. These BMSC courses incorporate content from each of the biomedical science areas of study to broaden student knowledge and ensure students build a strong foundation for moving forward in the program.

The BMSC program offers both three and four-year degree options that provide students with flexibility in their education. Students who graduate from the program will receive a BSc (BMSC) degree, conferred through the College of Arts & Science.

For more information, visit [admissions.usask.ca](https://admissions.usask.ca)



## Top notch facilities

The state of the-art Health Sciences Building allows students, researchers and faculty to collaborate through interdisciplinary programs and research.

Other campus research facilities include the Canadian Light Source and VIDO-InterVac.



## Career options for BMSC graduates

### BSc three-year degree

- Biomedical sciences foundation for admission into health science professional programs
- Students can return to take one of the four-year options as a second degree

### BSc four-year degree

- Preparation for health sciences professional programs and graduate studies
- Research and lab positions
- Communications
- Business
- Regulatory/law

## Majors



- **Biochemistry, microbiology and immunology**
- **Cellular, physiological, and pharmacological sciences**
- **Biomedical neuroscience**
- **Interdisciplinary biomedical sciences**
- **Biomedical foundations**

### Core two-year platform in BMSC

All of our majors build on the foundation of a two-year biomedical sciences core platform which provides students with an introductory exposure to cell biology, biochemistry, microbiology, physiology, and pharmacology.

Once the core courses are completed, students have the opportunity continue the program and select one of the BMSC majors. This allows students a broad introductory experience to decide which major suits them best.

#### YEAR 1

##### Term 1

BIOL 120.3  
CHEM 112.3  
PHYS 115.3  
3 credit units MATH  
3 credit units elective

##### Term 2

BMSC 200.3  
CHEM 115.3  
PHYS 117.3  
3 credit units elective  
3 credit units elective

#### YEAR 2

##### Term 1

BMSC 220.3  
BMSC 230.3  
BMSC 207.3  
CHEM 250.3  
3 credit units elective

##### Term 2

BMSC 210.3  
BMSC 240.3  
BMSC 208.3  
3 credit units STATS  
3 credit units elective