

COLLEGE OF ARTS AND SCIENCE | COLLEGE OF MEDICINE

BIOMEDICAL SCIENCES GUIDEBOOK

The University of Saskatchewan's main campus is located on Treaty 6 Territory and the Homeland of the Métis.

LAND ACKNOWLEDGMENT

*The land is acknowledged as our Mother, the Earth. The University of Saskatchewan is committed to honor and support the *Indigenous peoples, Indigenous cultures, Indigenous values, and Indigenous languages that belong to the land of Treaty 6 Territory and Homeland of the Métis. The University of Saskatchewan is committed to working towards mending colonized lands and protecting the land in a way that demonstrates honour, respect, and love. The University of Saskatchewan extends this commitment to the lands and Treaty territories (Treaties 2, 4, 5, 6, 7, 8, and 10) that constitute kisiskâciwan ([Saskatchewan], "the swift current", Cree/Saulteaux), and all Indigenous people that call kisiskâciwan home. We are born to the land and the land claims us.*

Office of the Vice-Provost Indigenous Engagement

TABLE OF CONTENTS

About This Guide

USask Biomedical Sciences Program Structure

- Common core courses for first and second year
- The BMSC Majors

Applying for a BMSC Major

- Majors with Limited Space

Academic Advising

Flexible Schedule Options

Course Planning Sheets for 4-Year Degrees

Links to Important Documents

Registration Preparation

Research Opportunities

Getting Involved

Course Listings



About This Guide

Welcome to the Bachelor of Science in Biomedical Sciences (BSc (BMSC))!

This guidebook is intended for current BSc (BMSC) students to help guide your program planning at the University of Saskatchewan. This will provide valuable information about the Biomedical Science (BMSC) program; how to apply for majors; how to plan your major; highlights of important course offerings; available research opportunities; and more. While not exhaustive, this guidebook offers essential information that is helpful for your academic journey.

USask Biomedical Sciences Program Structure

Biomedical science is a diverse field of study that focuses on biological sciences especially relevant to human health and the improvement of patient care.

Through a unique partnership, the Colleges of Arts & Science and Medicine at USask offer the direct-entry Bachelor of Science in Biomedical Sciences (BSc (BMSC)). It is delivered by two departments housed in the College of Medicine - Anatomy, Physiology, and Pharmacology (APP) and Biochemistry, Microbiology and Immunology (BMI). APP offers courses that focus on anatomy, human physiology (including all body systems and how they interact and function), cell and developmental biology, neuroscience, and pharmacology (drug interactions with the body and specific systems). BMI offers courses that focus on biochemistry; biomolecules, DNA, proteins, as well as immunology, microbiology, virology, vaccinology, and pathogenesis (how bacteria and viruses interact with the body).

USask BMSC offers a single three-year degree, Biomedical Foundations, as well as four-year degrees, or honours in these fields: Biochemistry, Microbiology, and Immunology (BMI), Biomedical Neuroscience (BMNS), Cellular, Physiological, and Pharmacological Sciences (CPPS), and Interdisciplinary Biomedical Sciences (ID BMSC).

Students who have completed BMSC degrees have pursued careers in biomedical research, biotechnology, medicine, pharmacy, dentistry, physical therapy, nursing, optometry, veterinary medicine, and many other healthcare-related areas. For information on career planning, up-to-date job postings, resume guides, and more, check out [USask Career Services](#).

Common Core Courses for First and Second Year

Each of our majors build on the foundation of a two-year biomedical science core platform which provide students with an introductory exposure to cell biology, biochemistry, microbiology, physiology, and pharmacology. Once the core courses have been completed, students apply for one of the BMSC majors. This allows students a broad introductory experience with which to decide which major suits them best.

First year

This degree program is flexible and offers you the opportunity to take courses in many different subject areas. Here is what a typical first-year schedule might look like:

FIRST YEAR	
FALL TERM	DESCRIPTION
BIOL 120*	THE NATURE OF LIFE
CHEM 112*	GENERAL CHEMISTRY I STRUCTURE BONDING AND PROPERTIES OF MATERIALS
PHYS 115	PHYSICS AND THE UNIVERSE
INDG 107	INTRODUCTION TO CANADIAN INDIGENOUS STUDIES
ENG 112	LITERATURE AND COMPOSITION READING DRAMA

WINTER TERM	DESCRIPTION
BMSC 200*	BIOMOLECULES
CHEM 115	GENERAL CHEMISTRY II CHEMICAL PROCESSES
PHYS 117	PHYSICS FOR THE LIFE SCIENCES
PSY 120	BIOLOGICAL AND COGNITIVE BASES OF PSYCHOLOGY
ART 110	ART TODAY IDEAS AND PRACTICES

Second year

SECOND YEAR	
FALL TERM	DESCRIPTION
BMSC 207*	HUMAN BODY SYSTEMS I
BMSC 210*	MICROBIOLOGY
BMSC 240*	LABORATORY TECHNIQUES
CHEM 250*	INTRODUCTION TO ORGANIC CHEMISTRY
MUS 101	FUNDAMENTALS OF MUSIC I EXPLORING FOUNDATIONS

WINTER TERM	DESCRIPTION
BMSC 208*	HUMAN BODY SYSTEMS II
BMSC 220*	CELL BIOLOGY
BMSC 230*	METABOLISM
MATH 110	CALCULUS I
ARCH 112	THE HUMAN JOURNEY INTRODUCTION TO ARCHAEOLOGY AND BIOLOGICAL ANTHROPOLOGY

* Denotes priority classes that should be taken in the year indicated so that the program can be completed in four years.



The BMSC Majors

All of these programs can be found in the [University Catalogue](#).

BIOMEDICAL FOUNDATIONS (BMF)

Three-year degree

This program builds on the two-year common core biomedical sciences platform shared by all the BMSC majors to provide students with a strong foundation of multi-disciplinary training while providing flexibility. This program includes courses for students preparing to enter health-related professional schools that do not require a four-year degree such as dentistry, veterinary medicine, and pharmacy.

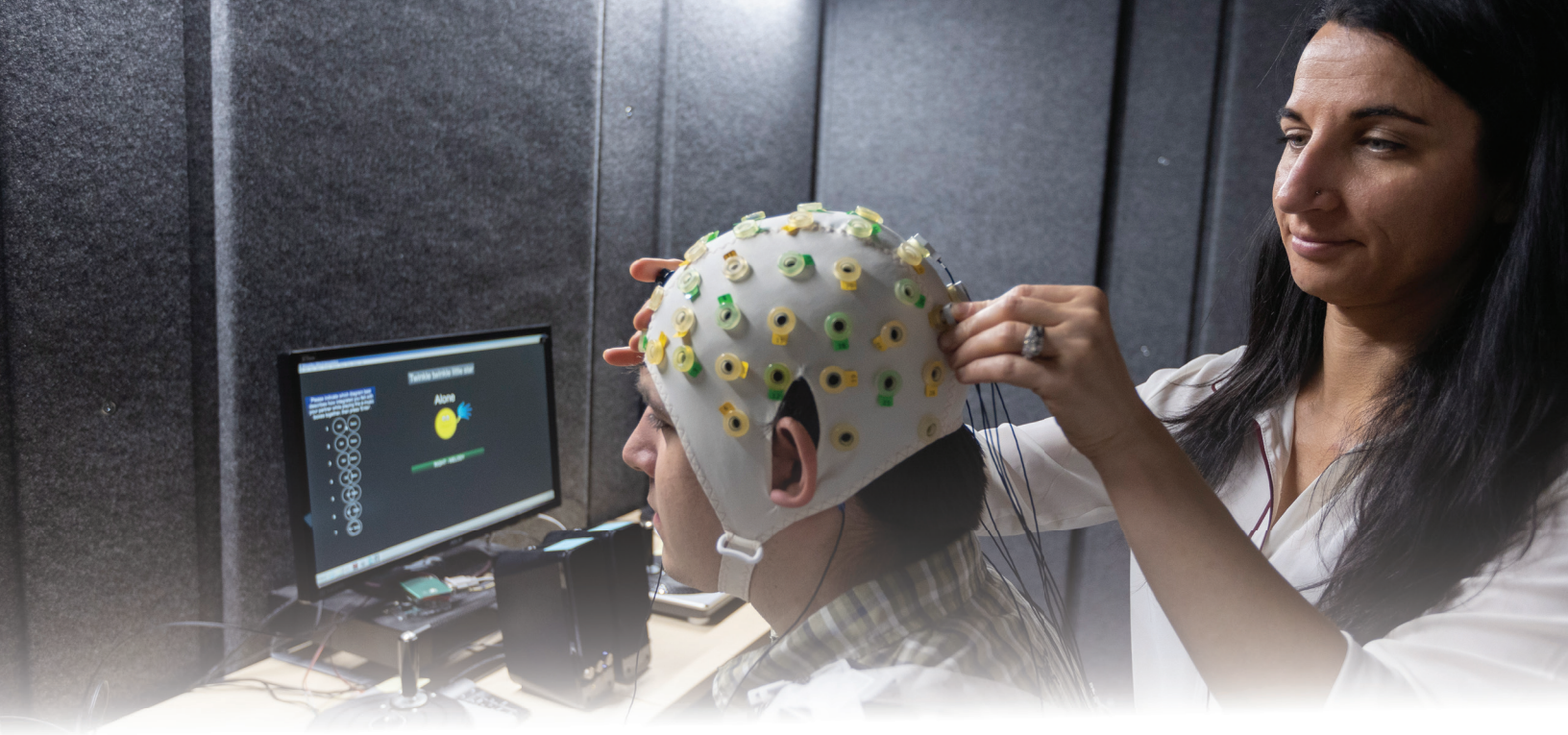
[Learn more](#) about the BMF program.

BIOCHEMISTRY, MICROBIOLOGY, AND IMMUNOLOGY (BMI)

Four-year or Honours degree

This program focuses on the molecular and cellular components of the life sciences including microbial physiology, microbial genetics and pathogenesis, protein structure and function, molecular biology, virology, tumor biology and cancer, immunology, and immunopathogenesis. Flexibility in course selection allows you to take a diverse or focused approach in the courses BMI has to offer.

[Learn more](#) about the BMI program.



BIOMEDICAL NEUROSCIENCE (BMNS)

Four-year or Honours degree

This program includes education in many of the major topics in neuroscience including molecular and cellular neuroscience, systems and sensory neuroscience, behavioural and cognitive neuroscience, neurophysiology, and neuroanatomy.

[Learn more](#) about the BMNS program.

CELLULAR, PHYSIOLOGICAL, AND PHARMACOLOGICAL SCIENCES (CPPS)

Four-year or Honours degree

This program includes the disciplines of cell and developmental biology, gross anatomy and histology, physiology, and pharmacology. These life science disciplines provide a comprehensive understanding of the functions and mechanisms of actions of the cells and major systems of the human body, and of the effects and mode of action of chemicals which change the major systems of the body.

[Learn more](#) about the CPPS program.

INTERDISCIPLINARY BIOMEDICAL SCIENCES (ID BMSC)

Four-year or Honours degree

The interdisciplinary major provides flexibility for students who seek a broader combination of biomedical science disciplines not represented with the standard majors.

[Learn more](#) about the ID BMSC program.

Applying for a BSc (BMSC) Major

When you are admitted to the BSc (BMSC) program, your major is automatically set as General. If you are a current Arts & Science student that has not yet been admitted to the BSc (BMSC) program, you can apply to transfer into the BSc (BMSC) program using the [Arts and Science Biomedical Sciences Student Transfer Form](#).

Applying to a Three-year Biomedical Foundations (BMF) major

Once accepted in the BSc (BMSC) program, you can switch to the three-year BMF at any time through the [A&S Student Inquiry Form](#).

Applying for a Four-year or Honours BMI, BMNS, CPPS, or ID BMSC major

It is important to gain exposure to the different biomedical sciences areas before deciding on a major, so you must complete all the M4 core requirements to become eligible to apply to a BMSC major.

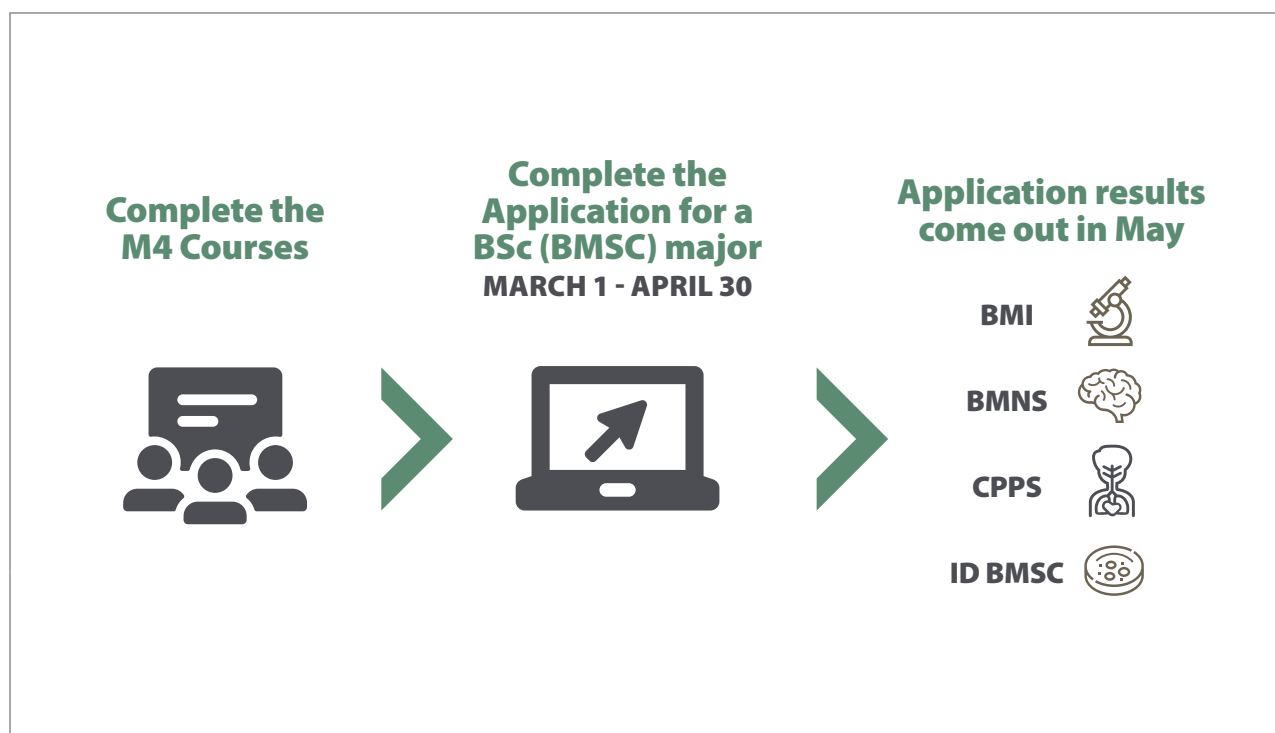
M4 Core Requirements (24 credit units)

- [BMSC 200.3](#) Biomolecules
- [BMSC 207.3](#) Human Body Systems I
- [BMSC 208.3](#) Human Body Systems II
- [BMSC 210.3](#) Microbiology
- [BMSC 220.3](#) Cell Biology
- [BMSC 230.3](#) Metabolism
- [BMSC 240.3](#) Laboratory Techniques
- [CHEM 250.3](#) Introduction to Organic Chemistry

The [application for Major](#) is open annually from March 1st to April 30th.

In the application, you will rank your preference of majors. Once the application closes, student eligibility is checked and placement in majors is ranked if necessary.

You will be informed via your USask email of your placement at the beginning of May after you have applied for a major.



A&S students who have completed 24 credits must declare a major prior to registering for additional classes. This rule does not apply to BMSC students, so no further action is required from BMSC students until they qualify to apply for a major as indicated previously. To check to see if you are in the BMSC program, check DegreeWorks which is found in your academic profile in PAWS.

BMSC Majors with Limited Space

An application process is used for the BMSC majors because some have limited capacity. Biomedical Neuroscience (BMNS) and the Interdisciplinary Biomedical Science (ID BMSC) majors each have limited availability (40 seats).

If student demand is greater than the major's capacity, all eligible students will be ranked by their average in the M4 courses. The top students will be accepted into the major of first choice and the remaining placed in their second choice. Note that taking courses from the ID BMSC or BMNS major requirements does not guarantee acceptance into the program



Academic Advising

Academic advisors offer advice, guidance, and strategies regarding your academic progress and planning. We suggest you meet with a BMSC Academic Advisor once a year throughout your studies and anytime you have questions about deciding on a BMSC major, course planning, honours, or concerns about your academic experience.

Though academic advising is a collaborative process, you are ultimately responsible for monitoring and managing your own program as you progress through your degree. Academic advisors from both BMSC and Arts & Science are available to assist you with your planning and understanding of your program.

You can book an academic advising appointment on the [BMSC website](#).

Academic Advising Appointments

How to prepare for your advising appointment:

- Ensure you're familiar with your planned major and the requirements in the [program catalogue](#).
- Familiarize yourself with the [College of Arts and Science academic policies](#); you'll find helpful information about retakes, honours, average requirements etc. Write down any questions you may have about them.
- Bring a draft of your planned course timetable to map out your progress. The academic advisor can provide suggestions and review your planned major courses.
- Write down your questions and thoughts and bring them to the appointment to ensure you gather all the information you need. Consider what you want to gain from the appointment.
- Bring your laptop/tablet or notebook to take notes during the meeting.

How to apply the information gained from an advising appointment:

- Review your notes from the appointment and highlight any important deadlines in your calendar.
- Email any follow-up questions to the academic advisor or book a follow-up appointment.

Flexible Schedule Options

If you decide to complete your degree in five years instead of four, you should be aware that this might affect your ability to get into certain professional programs or graduate schools. Some non-USask medical schools, for example, require that you complete your undergraduate degree in four years. Ensure that you are aware of the admission requirements of the programs to which you may apply.

FLEXIBILITY IN THE 2-YEAR SEQUENCE AND DEGREE PLANNING

Year Two in the BMSC two-year sequence includes multiple 200-level BMSC introductory courses. You may choose to extend your 2-year sequence over three years, which results in applying for your BMSC major in 3rd year. If you are considering this option, it is recommended to book with the BMSC Academic Advisor to discuss sequencing options for your planned major.

Prerequisites are an important factor when determining which courses have flexibility. The following courses are critical to take in 1st year to progress with your BMSC classes.

CRITICAL FIRST-YEAR COURSES:

The following courses should be a priority if you are planning to extend your first two years over three years:

- BIOL 120: This course is one of the prerequisites for multiple 200-level BMSC courses
- CHEM 112: This course is one of the prerequisites for BMSC 200
- BMSC 200: This course is a pre/corequisite for all other 200-level BMSC courses

200-LEVEL BMSC SPRING AND SUMMER COURSES AVAILABLE

You can help make your second year lighter without adding an additional year, by taking M4 core courses as spring and/or summer courses between your first and second year. The following BMSC M4 core courses are offered over spring and summer and are web-based, which allows you the flexibility to study outside of Saskatoon. Note that while these courses offered in spring and/or summer are web-based, they may include in-person exams. Online courses may require in-person exams; travel to designated test centers in Saskatoon or elsewhere in Saskatchewan may be required.

BMSC M4 CORE COURSE SPRING & SUMMER OFFERINGS			
M4 COURSE	TERM OFFERED		
	SPRING TERM	SUMMER TERM	SPRING/SUMMER MULTI-TERM
BMSC 200			■
BMSC 207	■		
BMSC 208		■	
BMSC 210			■
BMSC 230			■



Course Planning Sheets for 3-Year BMF and 4-Year Majors

Courses at the 300- and 400-level tend to reach their registration capacity quickly. It is highly recommended that students carefully plan their schedule in advance and register immediately when their registration window opens to secure desired course options. Delayed registration can result in the inability to secure seats in required courses. The BMSC Academic Advisor can help plan first choice classes and secondary choice classes, so students are prepared with a parallel plan if a class fills.

Students have 10 years from the time they start their program to complete the program requirements based on the academic year in which they started. Students can change their academic program year but cannot pick requirements from multiple academic program years.

Biomedical Foundations

BMFD 3-Year Program 90 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (12 credit units)		Recommended sequencing for M4 and M5 requirements:	
English Language Requirement (6 cu)			Priority 1st year courses
Indigenous Learning Requirement (3 cu)			Priority 2nd year courses
Quantitative Reasoning Requirement (3 cu)			3rd year courses
			4th year course
			Flexible 3rd and 4th courses depending on planning and prerequisites
M2 Breadth Requirement (3 credit units)			Courses that are no longer active
		♦Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units)		♦90 credit units minimum required with 42 at the senior level.	
BIOL 120.3 PHYS 115.3		♦No more than 6 credit units from one subject may be used in Requirements M1 to M3.	
CHEM 112.3 PHYS 117.3 or PHYS 125.3		♦Required CWA to meet graduation standards: 60% overall; 63% major.	
CHEM 115.3 PHIL 140.3			
<i>Choose 3 cu</i>			
HLST 110.3 PSY 120.3			
PSY 121.3 SOC 111.3 SOC 112.3			
M4 Core Requirements (24 credit units)		Courses must be completed if applying for a 4-year major	
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3			
BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (18 credit units)			
<i>Choose 3 cu</i>			
BIOL 226.3*			
BMSC 320.3			
<i>Choose 15 cu</i>			
ACB - 300-Level, 400-Level		MCIM - 300-Level, 400-Level	
BIOC - 300-Level, 400-Level		NEUR 301.3	
BMIS - 300-Level, 400-Level		NEUR 350.3	
BMSC - 300-Level		NEUR 405.3	
CHEP 350.3*		PHPY - 300-Level, 400-Level	
CPPS - 300-Level, 400-Level			
M6 Elective Requirement (12 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Biochemistry, Microbiology, and Immunology

BMI 4-Year Program 120 credit units					
2026-2027 calendar year			Worksheet - for reference only		
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3			Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites Courses that are no longer active		
M2 Breadth Requirement (3 credit units)			♦Refer to the program catalogue for official requirements: programs.usask.ca .		
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 or PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3			♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 60% overall; 63% major.		
M4 Core Requirements (24 credit units)			Courses must be completed if applying for a 4-year major		
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*					
M5 Major Requirements (36 credit units)					
BMIS 340.3 <i>Choose 15 cu - at least 9 cu must be at the 400-level</i>					
BMIS 400.0	BMIS 308.3	BMIS 325.3	BMIS 417.3	BMIS 435.3	BMIS 487.3
BMSC 320.3	BMIS 317.3	BMIS 380.3	BMIS 423.3	BMIS 436.3	BMIS 489.6
	BMIS 319.3	BMIS 398.3	BMIS 425.3	BMIS 450.3	BMIS 498.3
<i>Choose 3 cu (lab)</i>	BMIS 321.3	BMIS 412.3	BMIS 430.3	BMIS 455.3	
BMIS 310.3					
BMIS 390.3	<i>Choose 9 cu</i>				
	BIOL 226.3	BIOL 420.3*	CPPS 303.3	FABS 450.3*	
<i>Choose 3 cu</i>	BIOL 302.3*	BIOL 421.3*	CPPS 304.3	NEUR 301.3	
BINF 151.3*	BIOL 316.3*	CHEM 456.3	CPPS 325.3	STAT 345.3*	
BINF 351.3*	BIOL 321.3*	CHEP 350.3*	FABS 325.3*	Any BMSC, BMIS, BIOC, MCIM	
CMPT 140.3*	BIOL 331.3*	CMPT 451.3*	FABS 334.3*	course at the 300 or 400 level	
	BIOL 336.3*	CPPS 302.3	FABS 430.3*		
M6 Elective Requirement (21 credit units)					

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Biochemistry, Microbiology, and Immunology (Honours)

BMI Honours Program 120 credit units					
2026-2027 calendar year			Worksheet - for reference only		
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites Courses that are no longer active			
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: <i>programs.usask.ca</i> .			
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 <i>or</i> PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 70% overall; 70% major.			
M4 Core Requirements (24 credit units)			Courses must be completed if applying for a 4-year major		
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*					
M5 Major Requirements (42 credit units)					
BMIS 340.3 <i>Choose 15 cu - at least 9 cu must be at the 400-level</i>					
BMIS 400.0	BMIS 308.3	BMIS 325.3	BMIS 417.3	BMIS 435.3	BMIS 487.3
BMSC 320.3	BMIS 317.3	BMIS 380.3	BMIS 423.3	BMIS 436.3	BMIS 489.6
	BMIS 319.3	BMIS 398.3	BMIS 425.3	BMIS 450.3	BMIS 498.3
<i>Choose 3 cu (lab)</i>	BMIS 321.3	BMIS 412.3	BMIS 430.3	BMIS 455.3	
BMIS 310.3					
BMIS 390.3	<i>Choose 15 cu</i>				
	BIOL 226.3	BIOL 420.3*	CPPS 303.3	FABS 450.3*	
<i>Choose 3 cu</i>	BIOL 302.3*	BIOL 421.3*	CPPS 304.3	NEUR 301.3	
BINF 151.3*	BIOL 316.3*	CHEM 456.3	CPPS 325.3	STAT 345.3*	
BINF 351.3*	BIOL 321.3*	CHEP 350.3*	FABS 325.3*	Any BMSC, BMIS, BIOC, MCIM course at the 300 or 400 level	
CMPT 140.3*	BIOL 331.3*	CMPT 451.3*	FABS 334.3*		
	BIOL 336.3*	CPPS 302.3	FABS 430.3*		
M6 Elective Requirement (15 credit units)					

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Biomedical Neuroscience

There is limited capacity (40 seats) in the Biomedical Neuroscience (BMNS major. Students should not complete third year courses in BMNS unless they have been accepted into the major

BMNS 4-Year Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements:  Priority 1st year courses  Priority 2nd year courses  3rd year courses  4th year courses  Flexible 3rd and 4th courses depending on planning and prerequisites	
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 or PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 60% overall; 63% major.	
M4 Core Requirements (24 credit units)		Courses must be completed if applying for a 4-year major	
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (36 credit units) CPPS 325.3 NEUR 301.3 <i>Choose 3 cu (lab)</i> BIOL 226.3* NEUR 334.3 CPPS 331.3 CPPS 304.3 NEUR 350.3 CPPS 308.3 CPPS 306.3 NEUR 405.3 <i>Choose 6 cu</i> <i>Choose 3 cu</i> BIOL 430.3* NEUR 420.3 PSY 242.3* KIN 422.3* NEUR 480.3 PSY 246.3* NEUR 404.3 PSY 448.3* PSY 252.3*			
M6 Elective Requirement (21 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Biomedical Neuroscience (Honours)

BMNS Honours Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites	
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: <i>programs.usask.ca</i> .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 <i>or</i> PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 70% overall; 70% major.	
M4 Core Requirements (24 credit units)		Courses must be completed if applying for a 4-year major	
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (42 credit units)			
CPPS 325.3 NEUR 334.3 BIOL 226.3* NEUR 350.3 CPPS 304.3 NEUR 405.3 CPPS 306.3 NEUR 432.6 NEUR 301.3 <i>Choose 6 cu</i> BIOL 430.3* NEUR 420.3 KIN 422.3* NEUR 480.3 NEUR 404.3 PSY 448.3*		<i>Choose 3 cu (lab)</i> CPPS 331.3 CPPS 308.3 <i>Choose 3 cu</i> PSY 242.3* PSY 246.3* PSY 252.3*	
M6 Elective Requirement (15 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Cellular, Physiological, and Pharmacological Sciences

CPPS 4-Year Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites	
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 <i>or</i> PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 60% overall; 63% major.	
M4 Core Requirements (24 credit units) Courses must be completed before applying for a major BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (36 credit units) BIOL 226.3* CPPS 302.3 CPPS 303.3 <i>Choose 6 cu</i> BMSC 320.3 BMIS 319.3 BMIS 321.3 CHEP 350.3* CPPS 312.3 CPPS 304.3 CPPS 311.3 CPPS 325.3 CPPS 330.3 NEUR 301.3 NEUR 350.3 PATH 205.3* TOX 300.3* <i>Choose 3 cu</i> CPPS 306.3 CPPS 307.3 <i>Choose 6 cu</i> CPPS 337.3 or CPPS 417.3 CPPS 400.3 CPPS 401.3 CPPS 402.3 CPPS 403.3 ~~CPPS 405.3~~ (not offered 2026-27) <i>Choose 3 cu (lab)</i> CPPS 331.3 CPPS 308.3 CPPS 406.3 CPPS 407.3 CPPS 415.3 CPPS 498.3 NEUR 404.3 NEUR 480.3			
M6 Elective Requirement (21 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Cellular, Physiological, and Pharmacological Sciences (Honours)

CPPS Honours Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites	
M2 Breadth Requirement (3 credit units)		♦ Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 or PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦ No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦ Required CWA to meet graduation standards: 70% overall; 70% major.	
M4 Core Requirements (24 credit units) Courses must be completed before applying for a major BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (42 credit units) BIOL 226.3* CPPS 302.3 CPPS 303.3 CPPS 304.3 <i>Choose 6 cu</i> BMSC 320.3 BMIS 319.3 BMIS 321.3 CHEP 350.3* CPPS 312.3 CPPS 311.3 CPPS 325.3 CPPS 432.6 CPPS 330.3 NEUR 301.3 NEUR 350.3 PATH 205.3* TOX 300.3* <i>Choose 3 cu</i> CPPS 306.3 CPPS 307.3 CPPS 337.3 or CPPS 417.3 CPPS 400.3 CPPS 401.3 CPPS 402.3 CPPS 403.3 ~~CPPS 405.3~~ (not offered 2026-27) <i>Choose 3 cu (lab)</i> CPPS 331.3 CPPS 308.3 CPPS 406.3 CPPS 407.3 CPPS 415.3 CPPS 498.3 NEUR 404.3 NEUR 480.3			
M6 Elective Requirement (15 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the **BMSC Academic Advisor** and ensure you check course times/terms and course prerequisites when planning your degree.

Interdisciplinary Biomedical Sciences

ID BMSC 4-Year Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements:  Priority 1st year courses  Priority 2nd year courses  3rd year courses  4th year courses  Flexible 3rd and 4th courses depending on planning and prerequisites  Courses that are no longer active	
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 <i>or</i> PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 60% overall; 63% major.	
M4 Core Requirements (24 credit units)		Courses must be completed before applying for a major	
BMSC 200.3 BMSC 208.3 BMSC 220.3 BMSC 240.3 BMSC 207.3 BMSC 210.3 BMSC 230.3 CHEM 250.3*			
M5 Major Requirements (36 credit units) BMSC 320.3 CPPS 304.3 <i>Choose 3 cu (lab)</i> BMSC 405.3 CPPS 337.3 BMIS 310.3 CPPS 331.3 BMIS 321.3 PATH 205.3* BMIS 340.3 CPPS 308.3 CHEP 350.3* BMIS 390.3			
<i>At least 6 cu must be at the 400 level from the following two sections:</i> <i>Choose 6 cu</i> <i>Choose 6 cu</i> ACB - 300-Level, 400-Level BIOG - 300-Level, 400-Level CPPS - 300-Level, 400-Level BMIS - 300-Level, 400-Level NEUR - 300-Level, 400-Level BMSC - 300-Level, 400-Level PHPY - 300-Level, 400-Level MCIM - 300-Level, 400-Level			
M6 Elective Requirement (21 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Interdisciplinary Biomedical Sciences (Honours)

ID BMSC Honours Program 120 credit units			
2026-2027 calendar year		Worksheet - for reference only	
M1 College Requirement (15 credit units) English Language Requirement (6 cu) Indigenous Learning Requirement (3 cu) Quantitative Reasoning Requirement (6 cu) <i>Choose 3 cu</i> <i>Choose 3 cu</i> MATH 110.3 STAT 245.3 MATH 125.3 STAT 246.3 PLSC 214.3		Recommended sequencing for M4 and M5 requirements: Priority 1st year courses Priority 2nd year courses 3rd year courses 4th year courses Flexible 3rd and 4th courses depending on planning and prerequisites Courses that are no longer active	
M2 Breadth Requirement (3 credit units)		♦Refer to the program catalogue for official requirements: programs.usask.ca .	
M3 Cognate Requirement (21 credit units) BIOL 120.3 PHYS 115.3 CHEM 112.3 PHYS 117.3 <i>or</i> PHYS 125.3 CHEM 115.3 PHIL 140.3 <i>Choose 3 cu</i> HLST 110.3 PSY 120.3 PSY 121.3 SOC 111.3 SOC 112.3		♦ 120 credit units minimum required with 66 at the senior level. ♦No more than 6 credit units from one subject may be used in Requirements M1 to M3. ♦Required CWA to meet graduation standards: 70% overall; 70% major.	
M4 Core Requirements (24 credit units)		Courses must be completed before applying for a major	
BMSC 200.3	BMSC 208.3	BMSC 220.3	BMSC 240.3
BMSC 207.3	BMSC 210.3	BMSC 230.3	CHEM 250.3*
M5 Major Requirements (42 credit units)			
BMSC 320.3	CPPS 304.3	<i>Choose 3 cu (lab)</i>	
BMSC 405.3	CPPS 337.3	BMIS 310.3	CPPS 331.3
BMIS 321.3	PATH 205.3*	BMIS 340.3	CPPS 308.3
CHEP 350.3*		BMIS 390.3	
<i>At least 6 cu must be at the 400 level from the following two sections:</i> <i>Choose 6 cu</i> ACB - 300-Level, 400-Level BIOC - 300-Level, 400-Level CPPS - 300-Level, 400-Level BMIS - 300-Level, 400-Level NEUR - 300-Level, 400-Level BMSC - 300-Level, 400-Level PHPY - 300-Level, 400-Level MCIM - 300-Level, 400-Level			
M6 Elective Requirement (15 credit units)			

*Indicates major courses offered outside of the BMSC Department

Review your course plans with the BMSC Academic Advisor and ensure you check course times/terms and course prerequisites when planning your degree.

Links to Important Documents, Key Academic Policies, and Student Supports

1. Academic Orientation

All new Arts and Science students should complete [Academic Orientation](#) after accepting their offer. These asynchronous modules will answer the following questions: Where do I go for help?; What are the expectations at university?; What classes do I take?; How do I sign up for classes?. Completion should take 30 to 45 minutes, and you can revisit the information any time you want.

2. Arts and Science Academic policies

These policies govern the overall degree and program and can be found in the [program catalogue](#). Any questions about policies can be directed to the Arts and Science Undergraduate Student Office. Some important policies are [Repeating Courses](#) and [Promotion Standards for Degree Programs](#).

3. USask Academic Integrity

The University of Saskatchewan (USask) community values integrity, honesty, and ethical behavior. Academic integrity is a shared value in higher education around the world. The International Centre for Academic Integrity defines academic integrity as a commitment to six fundamental values: honesty, trust, fairness, respect, responsibility and courage. The USask Library offers a [tutorial on academic integrity](#).

The bottom line is that you are expected to do all aspects of your schoolwork in an ethical manner. The following are some key rules: submitting only your own work for academic credit, properly citing the work of others, and following all exam (test) / lab / assessment rules.

Academic misconduct is the term the university uses to describe cheating. It is not tolerated. You are responsible for understanding the [USask Student Academic Misconduct Regulations](#). The regulations define the [various types of academic misconduct](#). If it's discovered that you are cheating, you will be disciplined.

4. Academic Courses Policies

Please become familiar with USask [academic courses policies](#).

5. Student Supports

USask offers a wide array of student support services, encompassing academic, health and personal well-being. Whether you are looking for academic, cultural, spiritual or personal support, health and counselling services or services to help you with your day-to-day activities, USask [Student Supports](#) page can help.

Registration preparation

1. Review the using the program requirements for your major using the [Course and Program catalogue](#).
2. Determine which courses remain to be completed and prioritize these courses for the upcoming year. We encourage students to use their Degree Works with the Course and Program Catalogue to plan courses. Please note that Degree Works is an aiding tool but not the official program requirements. Official program requirements are listed in the Course and Program catalogue. You are encouraged to book an academic advising appointment to review your registration plan.
3. Create a draft timetable and search the courses based on their current availability. It is important to be aware that course times and offerings are never guaranteed and are subject to change, but this initial planning helps to create a framework to review later. Note that courses for the upcoming Fall and Winter Terms are searchable each year starting in May, and for the upcoming Spring and Summer Terms each year starting in January.
4. Ensure no time conflicts exist by rechecking course times before registration opens.
5. Plan back-up courses since 300 and 400-level courses tend to fill quickly.
6. It's important that you know the [class registration and withdrawal deadlines](#) so you are aware when you can add or drop a course.

Registration for Fall and Winter term classes opens in June. Each student is assigned a registration window based on their credit count which aligns to a specific year of study. More details can be found on the [USask registration overview page](#).

BMSC Course Updates

You will find all current information regarding course and prerequisite changes, major-specific announcements, and details about honours degrees for BMSC students on the [BMSC webpage](#).



Research Opportunities

USask biomedical sciences offers research opportunities through coursework, honours courses, and summer research.

Experiential Learning Courses:

BMIS 380.3: Team Based Experimental Microbiology

This is a Course-based Undergraduate Research Experience (CURE) course. Students will be provided with a collection of results and observations from suitable experimental systems provided by local faculty. In teams of up to four, students will be coached in developing a “next step” hypothesis and designing protocols to test their hypothesis. Once the experiment has been designed and approved, each team will determine reagents required, prepare necessary reagents, set up equipment, carry out the experiments, analyze the results and prepare a formal journal-style report that describes the experimental purpose, the methods, the results and the conclusions.

CPPS 331.3: Methods in Cell and Developmental Biology

This hands-on course provides students with experience in multiple lab techniques common to cell biology using eukaryotic cells which includes tissue culture and fluorescence microscopy. Teams of students are guided to apply the scientific method to create their own hypotheses and experiment(s) using mammalian cells. This provides an authentic research experience and allows students to develop skills in tissue culture techniques, collaborative problem solving, analysis of original data, and strengthening scientific reporting skills.

CPPS 498.3: Everything Changed When They Wrote Science as Story– New Course* Fall Term

This unconventional hands-on hybrid seminar course formally applies the irrefutable power of storytelling to science writing so that you can have the impact you want and need on your readers and your research field. Regular in-class writing exercises, experimentations, and discussions aim to catalyze learner self-discovery and empowerment with narrative writing skills. Students will read, reflect, and write a lot in ways they may not have before, consciously harness their creativity and critical thought, and incorporate a practical story-based toolkit into their work processes.

Prerequisite(s): Registered in BSc (BMSC) and completion of four 300-level CPPS courses. No previous science writing experience or training is required.

NOTE: This Special Topics course is not listed in the course list for CPPS programs.

Honours Undergraduate Research Courses:

An Honours Program is intended for students who want more in depth research experience in their major subject of Honours and who are able to meet the minimum average requirements. It is especially suitable for those who plan to proceed to graduate studies leading to the degrees of Master of Science (M.Sc.) or Doctor of Philosophy (Ph.D.) or for those who are interested in a career in research.

The honours programs in CPPS, BMI, BMNS and ID BMSC each include a specific undergraduate research course that provides an opportunity to work on a research project with guidance from a faculty member.

CPPS 432.6, BMIS 489.6, NEUR 432.6,: Honours Undergraduate Research Courses

Students secure their supervisor who will oversee their research project. You can learn about each individual course and their individual requirements on the BMSC website.

You will find more details about applying for Honours, eligibility, and important timelines for securing a supervisor on the [BMSC website](#).

Summer Research Opportunities:

Information on summer research opportunities is sent to students via PAWS announcements at the beginning of the winter term. Please check your inbox for valuable information. Reach out to BMSC faculty who are doing research you find interesting early in the school year to find out about any opportunities that you can apply for.

NSERC Undergraduate Student Research Awards

Program supports more than 3,000 students annually and is administered jointly by Canada's three granting agencies: the Natural Sciences and Engineering Research Council of Canada (NSERC), the Canadian Institutes of Health Research (CIHR), and the Social Sciences and Humanities Research Council (SSHRC).

Biomedical Summer Research Projects

The Biomedical Summer Research Projects initiative facilitates the research training of undergraduate students enrolled in the following programs: Biomedical Foundations, Biochemistry, Microbiology and Immunology, Cellular, Physiological, and Pharmacological Sciences, Interdisciplinary Biomedical Science, and Biomedical Neuroscience.



Getting Involved

BMSC Welcome Week Event

Come join us at the “Welcome to the BMSC Program” event in September geared for first and second year BMSC students. During this event, you’ll have an opportunity to meet the BMSC department heads, undergraduate chairs, academic advisors, and student groups. We’ll provide information about the majors offered in the BMSC program and how to apply for a major. This event is an informative and wonderful opportunity to connect with fellow BMSC students and gain valuable insights!

BMSC Student Groups

The BMSC student groups help to build a sense of community that can enhance your university experience. These groups host events like research nights, social gatherings, graduation parties and clothing sales. Consider becoming a member of a student group!

- **Anatomy, Physiology and Pharmacology Student Association (APPSA)** - appsa@ussu.ca Instagram: usaskappsa
- **Biochemistry, Microbiology and Immunology Student Association (BMISA)** - bmisa@ussu.ca Instagram: usask.bmisa
- **Interdisciplinary Biomedical Sciences Student Association (IBSSA)** - ibssa@ussu.ca Instagram: ibssa.usask
- **Neuroscience Students’ Society (NSS)** - nss@ussu.ca Instagram: usask_nss

Course listings for courses offered by the Departments of Anatomy, Physiology and Pharmacology (APP) and Biochemistry, Microbiology and Immunology (BMI). The ➡ icon indicates courses listed in the M4 core and M5 major that are not offered through the departments of APP and BMI.

M4 Core Requirements

BMSC 200.3 Biomolecules
BMSC 207.3 Human Body Systems I
BMSC 208.3 Human Body Systems II
BMSC 210.3 Microbiology
BMSC 220.3 Cell Biology
BMSC 230.3 Metabolism
BMSC 240.3 Laboratory Techniques
CHEM 250.3 Introduction to Organic Chemistry ➡

Alphabetical M5 course list across all majors

BINF 151.3 Computing in the Biological Sciences ➡
BINF 351.3 Introduction to Bioinformatics ➡
BIOL 226.3 Genes to Genomics ➡
BIOL 316.3 Genetic Analysis of Eukaryotes ➡
BIOL 331.3 Plant Physiology ➡
BIOL 420.3 Molecular Biology of Plants ➡
BIOL 430.3 Neurobiology of Behaviour ➡
 BIOL 436.3 ➡
BMIS 308.3 An Introduction to Microbial Pathogens
BMIS 310.3 Proteins and Enzymes
BMIS 317.3 Introductory Virology
BMIS 319.3 Vaccinology Principles and Practice
BMIS 321.3 Introduction to Immunology
BMIS 325.3 Fundamentals of Bacteriology
BMIS 340.3 Introductory Molecular Biology
BMIS 380.3 Team Based Experimental Microbiology
BMIS 390.3 Experimental Microbiology and Immunology
BMIS 398.3 Special Topics
BMIS 400.0 Seminar in Biochemistry Microbiology and Immunology
BMIS 412.3 Methods for Engineering Designer Proteins
BMIS 417.3 Molecular Virology
BMIS 420.3 Antimicrobial Resistance of One Health Pathogens
BMIS 423.3 Advanced Immunology
BMIS 425.3 Molecular Basis of Microbial Pathogenesis
BMIS 430.3 Biochemistry of Cancer
BMIS 435.3 Human Metabolism and Disease
BMIS 436.3 Advanced Molecular Biology
BMIS 450.3 Molecular Bases of Symbiosis and Microbiomes
BMIS 455.3 Mechanisms of Protein Function
BMIS 487.3 Microbial Genetic Systems
BMIS 489.6 Research Project in Biochemistry Microbiology and Immunology
BMIS 498.3 Special Topics
BMSC 320.3 Nucleic Acids From Central Dogma to Human Disease
BMSC 405.3 Current Topics in Biomedical Science
 CHEM 456.3 ➡
CHEP 350.3 Introduction to Epidemiology ➡
CMPT 140.3 Introduction to Creative Computing ➡
CMPT 451.3 Modelling and Algorithms for Biological Systems ➡
CPPS 302.3 Human Physiology Transport Systems
CPPS 303.3 Endocrinology & Human Reproduction
CPPS 304.3 Introduction to Pharmacology
CPPS 306.3 Systems Pharmacology I Cardiorespiratory Renal Gastrointestinal and Neuropharmacology
CPPS 307.3 Systems Pharmacology II Chemotherapy Immune and Endocrine Pharmacology
CPPS 308.3 Experimental Basis of Physiology and Pharmacology
CPPS 310.3 Basic Human Anatomy
CPPS 325.3 Advanced Cell Biology
CPPS 330.3 The Principles of Developmental Biology

CPPS 331.3 Methods in Cell and Developmental Biology
CPPS 337.3 Experimental Design and the Health Care System
CPPS 400.3 Clinical and Biomedical Imaging
CPPS 401.3 Human Skeletal Biology Across the Lifespan
CPPS 402.3 Immunometabolism in Health and Disease
CPPS 403.3 Physiological Genomics and Pharmacogenetics
CPPS 405.3 Current Topics in Cellular Physiological and Pharmacological Sciences
CPPS 406.3 Comparative Vertebrate Histology
CPPS 407.3 Advances in Anatomy and Histology
CPPS 415.3 Advances in Cardiovascular Physiology and Pharmacology
CPPS 417.3 The Business of Health Care
CPPS 432.6 Undergraduate Research Project in Cellular Physiological and Pharmacological Sciences
CPPS 498.3 Special Topics
 CPPS 498.3 Everything Changed When They Wrote Science as Story
 CPPS 498.3 Integrative Physiology, Metabolism, and Metabolic Diseases
FABS 325.3 Food Microbiology and Safety ➡
FABS 334.3 Industrial Microbiology ➡
FABS 430.3 ➡
FABS 450.3 ➡
KIN 422.3 Motor Control of Neurological Conditions ➡
NEUR 301.3 Fundamental Neuroscience Intercellular Communication
NEUR 334.3 Introductory Neuroanatomy
NEUR 350.3 Fundamental Neuroscience
NEUR 404.3 Neurophysiology and Neuropharmacology
NEUR 405.3 Current Topics in Neuroscience
NEUR 420.3 Drugs and Behaviour
NEUR 432.6 Undergraduate Research Project in Neuroscience
NEUR 480.3 Neurobiology of Learning and Memory
PATH 205.3 Survey of Pathology ➡
PSY 242.3 Physiological Psychology ➡
PSY 246.3 Introduction to Human Neuropsychology ➡
PSY 252.3 Perceptual Processes ➡
PSY 448.3 Advanced Seminar in Neuroscience ➡
STAT 345.3 Design and Analysis of Experiments ➡
TOX 300.3 General Principles of Toxicology ➡