

**HEALTH  
SCIENCES**

2023/24  
**UNDERGRADUATE  
HEALTH SCIENCES  
PROGRAMS**



McMaster University sits on the traditional territories of the Mississauga and Haudenosaunee Nations, and within the lands protected by the Dish With One Spoon wampum agreement.

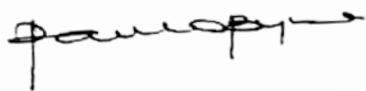


# Discover Health Sciences at McMaster

When you join Health Sciences at McMaster, you benefit from our world-renowned education advances and research excellence, consistently placing us among the top universities in the world for health and medicine.

McMaster's Health Sciences is known globally for our innovative method of small group, problem-based education, our focus on self-directed, life-long learning and our interdisciplinary research. Here, we look to translate what we learn in our laboratories into health care thought and practice.

The programs featured here are highly sought after and regarded, and we invite you to explore them and consider joining our culture of innovation, exploration and collaboration, where we lead by learning what was, challenging what is and optimistically embracing what could be.



**Dr. Paul O'Byrne**  
Dean and Vice-President,  
Faculty of Health Sciences



**Dr. Rob Whyte**  
Vice-Dean, Education,  
Faculty of Health Sciences



**Top 25**  
in the world for  
Clinical and Health

2023 Times Higher Education  
World University Rankings

# Creating a Brighter World: Why **Health Sciences** at McMaster

Welcome to the Faculty of Health Sciences at McMaster University, home to some of the best and brightest minds in Canada and around the globe.

The McMaster campus is located in Hamilton, Ontario, one of the ten largest cities in Canada and situated in **the heart of one of the most vibrant and multicultural regions of North America**, with easy access to both Toronto and Niagara Falls. Hamilton offers students the perfect blend of **an urban oasis**, with vibrant restaurants, galleries, festivals and events, and **awe-inspiring nature**, with 100+ waterfalls, trails and conservation areas all right at the doorstep of campus.





As the **birthplace of problem-based learning**, the Faculty of Health Sciences has a storied history of creating leaders in health, research and industry, with more than 13,000 alumni. Our **student-centred approach** focuses on small-group, inquiry, design-based and experiential learning. This means students play an active role in their learning, providing them with the foundational knowledge, critical thinking skills and hands-on experience to shape the future of health in Canada and beyond.

As a faculty, we are **dedicated to educational excellence**. Our focus on interdisciplinary and collaborative learning is a hallmark of a unique combination of undergraduate, graduate and health professional programs. We are **driving innovative research**. With high-impact researchers and collaborations, our Faculty has been awarded \$145.3M in research funding (2021/22) and has 22 high-impact research institutes and centres. We **champion diversity**. Our enhanced focus on, and commitment to, Inclusion, Diversity, Equity, Accessibility (IDEA) and Indigenous reconciliation includes dedicated roles and support.

Health Sciences is **committed to communities**. The Faculty of Health Sciences is advancing health and well-being in our local and global communities through ongoing collaborations. For example, working alongside the Indigenous Health Learning Lodge and the Associate Dean Equity and Inclusion, towards creating a learning environment that is culturally safe – to work with humility to enable sustainable systems change and to advance the work around truth, reconciliation, anti-oppression and anti-colonization.

We are eager for you to explore our programs at the Faculty of Health Sciences and hope to see you join the ranks of our highly accomplished graduates who are making a difference around the world.

# Health Program Pathways

No matter where you are in your undergraduate academic journey, the Faculty of Health Sciences at McMaster University offers you a pathway to a diverse range of careers in health. With specialized programs offering entry at Level I, II and III stages, learners can find a program that meets their needs. Explore some of our world-renowned undergraduate programs:

## **Bachelor of Health Sciences (Honours)** *see page 8*

Canada's premier program in the interdisciplinary study of health.

## **Integrated Biomedical Engineering & Health Sciences** *see page 10*

Learn to bring health solutions to market in the program where health sciences, engineering and entrepreneurship meet.

## **Honours Biochemistry** *see page 12*

Study the chemical and molecular basis of life.

## **Integrated Rehabilitation & Humanities** *see page 14*

Canada's only program where you study at the intersection of rehabilitation sciences and humanities.

## **Honours Biology & Pharmacology Co-op** *see page 16*

Gain an interdisciplinary knowledge of biology and pharmacology and real-world experience.

## **Biomedical Discovery & Commercialization** *see page 18*

Become a leader in biomedical sciences with an emphasis on drug discovery and business.

## Levels of Entry

### Level I

Programs that offer learners a direct entry pathway from secondary school.

### Level II

Programs that require learners to have a minimum of one year of university study and meet the specified prerequisites.

### Level III

Programs that require learners to have a minimum of two years of university study and meet the specified prerequisites.

Program		Level I	Level II	Level III	Level IV	Level V
Bachelor of Health Sciences (Honours)	Secondary School*					
Integrated Biomedical Engineering & Health Sciences						
Integrated Rehabilitation & Humanities	Any Level I program*					
Honours Biochemistry	Any Level I science or health science program*					
			co-op stream			
Honours Biology & Pharmacology Co-op	Any Level II science or health science program*				co-op stream	
Biomedical Discovery & Commercialization						 Master internship

\* Refer to program for eligibility requirements

# Bachelor of Health Sciences (Honours)

## Level I Entry\*

Degree: **Bachelor of Health Sciences (Honours)**

The Bachelor of Health Sciences (Honours) or BHSc (Hons) program is one of the top programs of its kind in the world, offering a unique interdisciplinary approach to the study of health, wellness and illness from biological, social, policy and population-based perspectives. Our curriculum aims to build the capacities that students need to become transformative leaders in health, from research to health care to health policy and beyond.



## ADMISSION REQUIREMENTS

90%\*  
minimum

\*Minimum average required for consideration. Admission is by selection.

240

Target Enrolment

MNS

OUAC Application Code

### Requirements for Admission (Ontario)

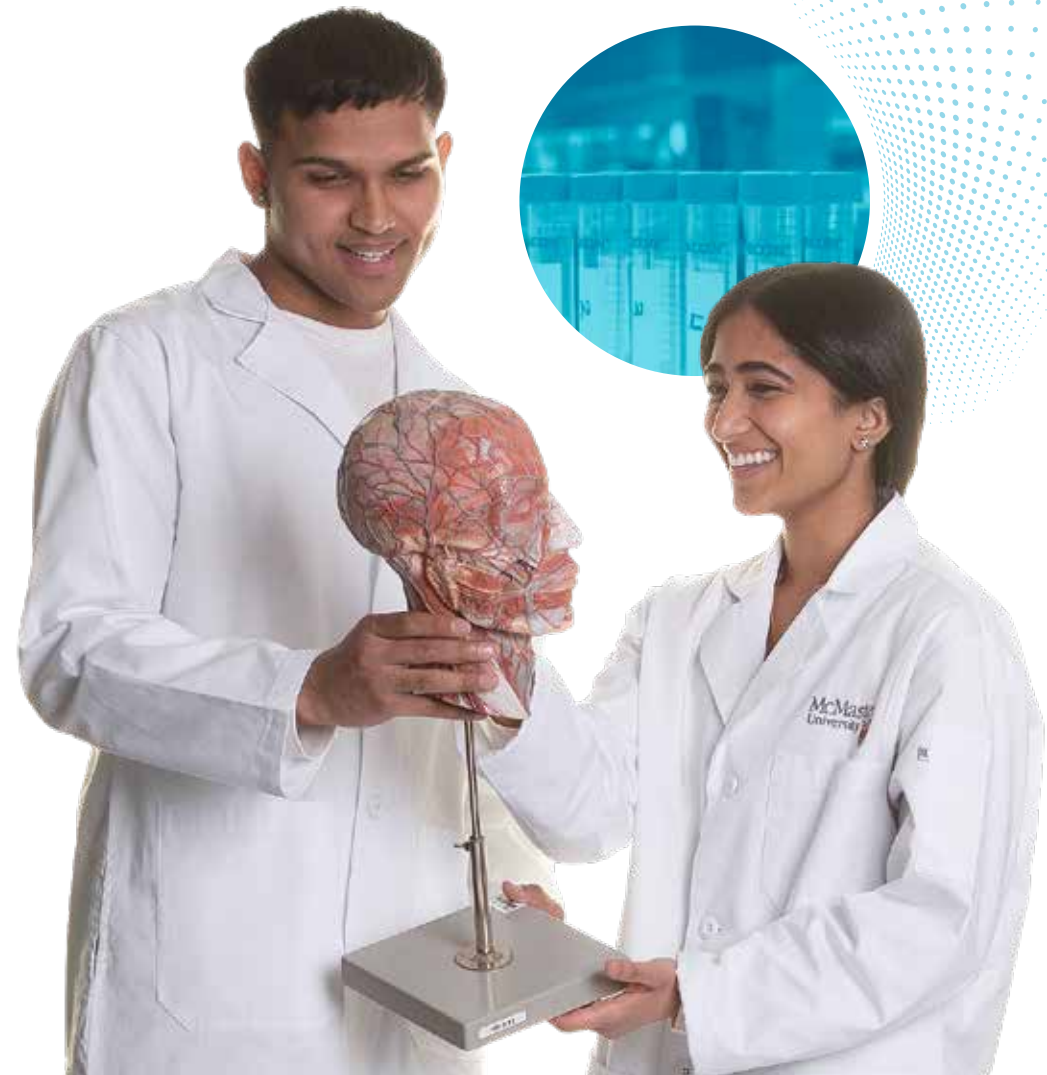
- English
- Biology
- Chemistry
- One of Advanced Functions, Calculus & Vectors or Data Management
- One non-math/non-science/non-technology 4U or 4M credit
- One additional Grade 12 U/M course

## Supplementary Application

Supplementary application is a required component when applying to BHSc (Hons). It provides you the opportunity to showcase your critical thinking skills, problem-solving, and self-reflection. Both the supplementary application score and the grade point average factor into our admissions decision.

BHSc (Hons) supplementary application questions are posted on the program website in mid-September. Applicants will receive an email in late January with detailed instructions for logging in and submitting your supplementary applications. Admissions decisions for the BHSc (Hons) Program are made in early May.

\*There are also a limited number of seats for Level II transfer students; see our website for details







## FOCUS OF STUDY

The Bachelor of Health Sciences (Honours) program offers a ground-breaking approach to the interdisciplinary study of health. Drawing on a full range of departments within the Faculty of Health Sciences, and with access to McMaster's teaching hospital and state-of-the-art labs, students can build their knowledge across a range of health-related disciplines while simultaneously building crucial skills in problem-solving, collaboration, communication and critical thinking.

### First-Year at a Glance

Total: **30 units**

Required: **21 units**

Electives: **9 units**

#### First-year required courses:

HTHSCI 1106 - Cellular and Molecular Biology

CHEM 1A03 & CHEM 1AA3 - Introductory Chemistry I & II

HTHSCI 1E06 - Inquiry I: Introduction

HTHSCI 1G02 - Interdisciplinary Problem Solving in Health

HTHSCI 1Z01 - Praxis Pathways Curriculum 1

WHMIS 1A00 - Introduction to Health and Safety

### Think Differently Through Inquiry

Beyond the rankings and courses, what makes our program so unique is the way you will engage and learn. In addition to the small class sizes, the Bachelor of Health Sciences (Honours) Program will help you to think differently through our inquiry-based learning model. With an emphasis on students as active participants in their learning, our inquiry-based learning emphasizes problem-solving, information literacy, collaboration and communication. How you engage and learn in BHSc (Hons) is as important as what you learn.



## FUTURE CAREER

**Our graduates are a diverse group, with the skills to find success in a variety of fields:**

- Dentistry
- Global Health
- Health Policy
- Health Research
- Medicine
- Law
- Physiotherapy or Occupational Therapy

### Research Opportunities

From COVID-19 and glycemic control in children living with disabilities to examining the effect of sex hormones on susceptibility to HSV-2, the Bachelor of Health Sciences (Honours) program offers students the chance to be involved in a wide variety of innovative, in-depth research with real-world applications.

Visit the Research section of our website for more examples of the enormous range of research undertaken by BHSc (Hons) students.

*"The smaller class sizes of BHSc is something that really helped me get closer to the professors and my classmates."*

**Vittoria, BHSc Student**

**DISCOVER  
BHSc (Hons)**



# Integrated Biomedical Engineering & Health Sciences

## Level I Entry

Degree: **Honours Bachelor of Health Sciences in Health Engineering Science and Entrepreneurship**

The Integrated Biomedical Engineering & Health Sciences (iBioMed) program is a unique interdisciplinary program drawing on the strengths of two world-renowned Faculties at McMaster: Engineering and Health Sciences. The first of its kind in Canada, students enter the program through a common first year where they will establish a strong foundation of skills and knowledge from both faculties before selecting a specialization.

## Level II Specialization: **Health, Engineering Science and Entrepreneurship (HESE)**

Study where health sciences, engineering and entrepreneurship meet. The revolutionary Health, Engineering Science and Entrepreneurship (HESE) specialization gives students the opportunity to put their health sciences and engineering knowledge to work designing, creating and bringing health solutions to market and putting them in the hands of those that need it.



## ADMISSION REQUIREMENTS IBIOMED

**90%\***  
minimum

\*Minimum average required for consideration. Admission is by selection.

**155**  
iBioMed

Target Enrolment  
HESE target enrollement of 50

**MEH  
or MEI**

OUAC Application Code

## Requirements for Admission (Ontario)

- English
- Chemistry
- Biology
- Physics
- Calculus

## Supplementary Application

The iBioMed program requires students to complete a supplementary application as part of the admissions process. The supplementary application consists of three (3) video response questions and one (1) written response. It takes approximately 30 minutes to complete.

## FOCUS OF STUDY

A key focus of the iBioMed program is our project-based approach. Our unique Health Solutions Design courses allow students to solve unmet health care needs in a hands-on environment. In each level of study, students team up to utilize state-of-the-art technology and equipment for design solutions for real clients.

Throughout their studies, iBioMed students work in and have access to the iBioMed Design Studio, the iBioMed Genetic and Tissue Engineering Lab (located in the McMaster University Medical Centre) and the iBioMed Imaging and Instrumentation Lab. Within these spaces, students have access to optical CT scanners, desktop MRIs and ultrasounds, 3D printers and scanners, prototyping stations and more.

### iBioMed First-Year at a Glance

Total: **37 units**

Required: **34 units**

Electives: **3 units** – approved  
Complementary Studies

#### First-year required courses:

IBEHS 1P10 - Health Solutions Design Projects I  
CHEM 1E03 - Entrepreneurship in Biomedical Innovation: from Bench to Market  
MATH 1ZA3 - Engineering Mathematics I  
MATH 1ZB3 - Engineering Mathematics II-A  
MATH 1ZC3 - Engineering Mathematics II-B  
PHYSICS 1D03 - Introductory Mechanics  
PHYSICS 1E03 - Waves, Electricity and Magnetic Fields

## FUTURE CAREER

**Our graduates are a diverse group, with the skills to find success in a variety of fields:**

- Biomedical engineering
- Biotechnology
- Health and biomedical science
- Medical start-ups and entrepreneurship in the health sector
- Biomedical engineering and medical innovation organizations
- Professional health science careers or medicine

*"I felt that the faculty really cared about my learning and strived to make sure that I gained the most from my undergraduate experience."*

Arjun, iBioMed HESE Alumni



**EXPLORE**  
iBioMed and  
the HESE  
specialization



# Honours Biochemistry

## Level II Entry

Degree: **Honours Bachelor of Health Sciences in Biochemistry**

Biochemistry is the study of the chemical and molecular basis of life, seeking to describe and understand the structure, function and organization of living matter in molecular terms. As a discipline, biochemistry builds on a strong foundation in the natural sciences while simultaneously emphasizing practical applications in biomedicine. Our students and faculty probe chemical and biological processes and leverage the knowledge gained for the development of innovative therapies to combat some of the world's most pressing health challenges. Our students train in a truly cross-disciplinary atmosphere while spanning basic science to translational implementation, gaining deep insights through inquiry-based learning.

## COMMON PROGRAM PATHWAYS

As a Level II entry program, any student who has completed the course admission requirements and meets the minimum GPA is eligible to apply to Honours Biochemistry. The courses required to apply to the program are most commonly completed by students currently enrolled in a Level I Science program or a Bachelor of Health Sciences program.

## ADMISSION REQUIREMENTS

**Minimum  
6.0 (C+)**

Typical cutoff  
is 9.0-10.5

**168**

Target Enrolment

**MBQ  
or MBR**

OUAC Application Code

## Course Requirements for Admission

- 6 units of BIOLOGY 1A03 and BIOLOGY 1M03
- 6 units of CHEM 1A03 and CHEM 1AA3
- 3 units of MATH 1A03 or MATH 1LS3
- 3 units of PHYSICS 1A03 or PHYSICS 1C03
- 6 units from the Science I Course List

*A grade of at least C+ in four of BIOLOGY 1A03, 1M03, CHEM 1A03, 1AA3 and either MATH 1A03 or 1LS3 is required.*



## FOCUS OF STUDY

The Honours Biochemistry program employs a broad mixture of lecture-based learning, independent assignments, writing assignments, group work, laboratory work and optional hands-on research.

Based on your academic interests, the Honours Biochemistry program provides students with additional program options at Level III:

- **Honours Biochemistry** – Biomedical Research Specialization (B.H.Sc.)
- **Honours Biochemistry** – Biomedical Research Specialization Co-op (B.H.Sc.)

The Department of Biochemistry has a strong focus on research excellence, with unique lab opportunities and experience in both teaching and research laboratories. Students of the Honours Biochemistry program may choose to become heavily involved in cutting-edge wet-lab research earning credits towards their degree, as early as Level III.

### Required courses:

BIOCHEM 2L06 - Inquiry in Biochemical Techniques  
BIOCHEM 2B03 - Nucleic Acid Structure and Function  
BIOCHEM 2BB3 - Protein Structure and Enzyme Function  
BIOCHEM 3D03 - Metabolism and Regulation  
BIOLOGY 2C03 - Genetics  
BIOMEDDC 3WR3 - Biochemistry and Biomedical  
Scientific Writing: Right your Write

CHEM 20A3 - Organic Chemistry I  
CHEM 20B3 - Organic Chemistry II  
STATS 2B03 - Statistical Methods for Science

*Other program requirements apply outside of required courses and are subject to change. Please see the current Academic Calendar for full program requirements.*

## Biochemistry Courses at a Glance

Total: **60 units**  
Required: **39 units**  
Biochemistry Course List:  
**21 units**



## FUTURE CAREER

**Biochemistry and Biomedical Sciences students develop a range of skills that are easily transferred to a wide range of careers. Our graduates have gone on to successful careers in:**

- Immunology
- Microbiology
- Public Health and Health Policy
- Bioinformatics
- Stem Cells and Gene Therapy
- Biomedical Engineering
- Pharmacy
- Medicine, Dentistry, Veterinary Medicine
- Cancer Biology

## Research Opportunities

With Level III course-based research options as well as senior thesis options, the Honours Biochemistry program offers students a wide array of areas of research to explore:

- Biotechnology and Drug Discovery
- Antimicrobial Resistance
- Host-Pathogen Interactions
- Genetic Engineering
- Infectious Disease
- Protein Structure and Enzyme Mechanics
- Neurodegenerative Disease
- Membrane Structure and Function
- Nutrition and Metabolism
- Bacteriology, Virology, and Mycology
- Nucleic Acid Structure and Function
- Vaccine Development
- Stem Cell and Cancer

**LEARN  
MORE  
about Honours  
Biochemistry**



# Integrated Rehabilitation and Humanities

## Level II Entry

Degree: **Honours Bachelor of Health Sciences in Integrated Rehabilitation and Humanities**

Study at the intersection of rehabilitation sciences and humanities in Canada's first Integrated Rehabilitation and Humanities (IRH) program, where students will learn what it means to be human at its most fundamental level. Drawing on the combined strengths of McMaster's Faculties of Health Sciences and Humanities, students in the program will understand the complex nature of health and well-being and gain the knowledge and skills to address those challenges through the lens of humanities and rehabilitation.

## COMMON PROGRAM PATHWAYS

Integrated Rehabilitation and Humanities is a Level II entry program. Any student who has completed a Level I study including the prerequisite biology component is eligible to apply.

## ADMISSION REQUIREMENTS

Minimum  
6.0 (C+)

50

Target Enrolment

### Course Requirements for Admission

Grade 12 Biology or completion of any biology Level I university course

## Supplementary Application

Applicants to the Integrated Rehabilitation and Humanities program are required to complete a supplementary application as part of the application process. Using the Kira intake system, applicants will submit video-recorded and written responses outlining their motivation and interest in the program.



## FOCUS OF STUDY

The Integrated Rehabilitation and Humanities program is grounded in the problem-based learning and inquiry approaches which are foundational pillars of McMaster's Faculty of Health Sciences. Through cross-faculty experiential learning, coursework and co-curricular activities, students will learn about how restoring, maintaining and improving health through rehabilitation requires an in-depth examination of what it means to be human, as reflected in the creative arts, literature, music, history, peace and cultural studies, linguistics, the classics, communication studies, philosophy, ethics, theatre, film and more.

### Integrated Rehabilitation and Humanities Courses at a Glance

Total: **30 units**

Required: **30 units**

#### Level II Required courses:

##### 18 units – Rehabilitation Sciences

HTHSCI 2F03 & 2FF3 - Human Anatomy and Physiology I & II

HTHSCI 2RS3 - Exploring Foundations of Rehab. Sciences

CLA 2MT3 - Ancient Roots of Medical Terminology

PHIL 2D03 - Bioethics

##### 3 units – Humanities courses

(HISTORY 1Q03; ENG 2NH3, 2S03, 2Z03; LING 2S03; PEACEST 2B03; PHIL 2F03; GENDRST 2AA3 OR ARTHIST 2AA3; MUSIC 2MT3, 2MU3; CLA 3MT3 )

##### 9 units – Electives

SRS 2R13 - RS Inquiry I

SRS 2ER3 - Evidence-based Rehabilitation

SRS 2MF3 - Measurement Fundamentals in Rehabilitation Science



## FUTURE CAREER

Students of the Integrated Rehabilitation and Humanities program will develop a range of skills that are easily transferred to a wide range of careers.

Our graduates go on to careers in:

- Post-graduate health-care professional training such as Physiotherapist, Occupational Therapist, Medicine, Massage Therapists, Chiropractor, Audiologists and Speech Language Pathology, other allied health practitioners and careers that involve clinical assessment and intervention
- Health services support and development\*, such as health policy analyst and researchers, consultants, program development, health and human resources

*\*Some careers may require further training and certification*

## Research Opportunities

Integrated Rehabilitation and Humanities students will have the opportunity to engage in new and ongoing research project and other health-related projects, where the focus is on data collection, analysis and/or conducting scoping and/or systematic reviews of evidence.

**DISCOVER**  
Integrated  
Rehabilitation  
and  
Humanities



# Honours Biology and Pharmacology Co-op Program

## Level III Entry

Degree: **Honours Bachelor of Health Sciences in Biology and Pharmacology**

Gain a comprehensive interdisciplinary knowledge of Biology and Pharmacology and real-world experience through three paid placements in the Honours Biology and Pharmacology Co-op (BioPharm) program, McMaster's longest-running undergraduate co-op program. Using the problem-based learning approach, Honours Biology and Pharmacology students are active learners in their education. Taking a self-directed approach to research and learning the many aspects of pharmacology and human physiology.

## COMMON PROGRAM PATHWAYS

As a Level III entry program, students enter the Honours Biology and Pharmacology program after completing two years of study. Most commonly in a Science or Health Sciences program.

## ADMISSION REQUIREMENTS

**Minimum  
5.0 (C)**

Typical cutoff  
is 8.0

**25**

Target Enrolment

## Course Requirements for Admission

Level I & II of an undergraduate program such as Chemical Biology, Biochemistry, Life Sciences or Health Sciences

BIOLOGY 2A03 or HTH SCI 2F03 and 2FF3

## Supplementary Application

BioPharm applicants are required to submit additional documentation including a statement of interest and resume. Successful applicants will be contacted for an interview.





## FOCUS OF STUDY

The Biology and Pharmacology program prides itself on the small-group, problem-based learning model that engages students as active learners in their education. This approach is a foundation of the Faculty of Health Sciences, where students identify issues and then seek, synthesize and integrate information during discussions with their peers. WHAT you learn is as important as HOW you learn it.

## Co-Operative Education

Translate your skills and knowledge into real-world experience with the BioPharm co-operative education opportunities. Students of the program will complete up to 12 months of paid work placement during their time in the program, usually in academia, government and pharmaceutical industries.

## BioPharm Courses at a Glance

BIOCHEM BIOCHEM 3G03 - Proteins and Nucleic Acids

BIOLOGY 3P03 - Cell Physiology

BIOLOGY 3U03 - Animal Physiology - Homeostasis

PHARMAC 3A06 - Introduction to Pharmacology (full year)

PHARMAC 3B06 - Methods in Pharmacology (full-year lab course)

PHARMAC 4C03 - Toxicology

PHARMAC 4AA3 - Advanced Pharmacology topics, including how to start a company

PHARMAC 4D03 - Drug design

PHARMAC 4E03 - Social Pharmacology

PHARMAC 4A03 - Receptor Drug Interactions

SCIENCE 2C00 - Skills for Career Success in Science

SCIENCE 3C00 - Advanced Job Search Skills For Science Co-op Students

SCIENCE 3WV0 - Science Co-op Work Term (3x)

Elective: 3 credits

Course list: 3-6 credits to be chosen from a list of pre-accepted courses



## FUTURE CAREER

Biology and Pharmacology graduates are having an impact on the world through a variety of successful careers:

- Physician
- Industry Scientist
- Pharmacist
- Professor
- Leading a start-up company
- Medical Communications
- Pharmaceutical Marketing
- Health Economist
- Epidemiologist
- Health Policy in Government

## Research Opportunities

BioPharm students will take a 4-month thesis project working in a laboratory with a clinician or scientist. A written thesis will be produced as well as an oral defence, as training for graduate school and research communication.

**FIND  
YOUR PLACE  
in Honours  
BioPharm**



# Biomedical Discovery and Commercialization

## Level III Entry

Degree: **Honours Bachelor of Health Sciences in Biomedical Discovery and Commercialization**

The Biomedical Discovery and Commercialization (BDC) program provides students with advanced training in the biomedical sciences complemented by fundamental business training. Our students gain the skills required to be leaders in biomedical research and industries, with a particular emphasis on drug discovery and development. Our graduates are equipped not only with the skills to lead in the rapidly growing field of scientific discovery, but to help bring cutting-edge research from lab to market. This limited enrollment program draws on the strengths of the Department of Biochemistry and Biomedical Sciences with key contributions from the DeGroote School of Business.

## COMMON PROGRAM PATHWAYS

BDC is a Level III entry program with students who meet the admissions criteria commonly coming from Biochemistry, Sciences or Health Sciences programs after completing Level II study.

## ADMISSION REQUIREMENTS

Minimum  
5.0 (C)

Typical cutoff  
is 8.0

58

Target Enrolment

## Course Requirements for Admission

- One full year of Level I Biology
- One full year of Level I Chemistry
- A total of 60 units completed prior to September entry
- Requirements typically achieved through Level I & II of a Biochemistry, Science or Health Sciences Program

## Supplementary Application

Applicants to the Biomedical Discovery and Commercialization program are required to complete the BDC Applicant Questionnaire as a supplementary application to the program.

## FOCUS OF STUDY

The BDC program embraces innovative educational methods using experiential learning, inquiry and team-based approaches. Our curriculum focuses on an approach where students are active learners, engaging in real-world challenges. By combining first-rate biomedical training with exposure to business curriculum, BDC creates a training paradigm which provides tangible exposure to pharmaceutical, biotechnology and related industries. Graduates are eligible to apply for the 1-year Master of Biomedical Discovery and Commercialization program, which includes a 4-8-month paid industrial internships.

**BDC Courses at a Glance** Total: **30 units**  
Required: **21-27 units**  
Electives: **3-9 units**

### Required Level III & Level IV courses:

BIOMEDDC 3A03 - Ideas to Innovation in Biomedical Sciences  
BIOMEDDC 3B06 - Drug Discovery and Development  
BIOMEDDC 3C06 - Research Skills Laboratory and Inquiry  
BIOMEDDC 4B03 - Road to Biomedical Commercialization  
BIOMEDDC 4A15 - Senior Research Thesis

COMMERCE 1BA3 - Organizational Behaviour  
COMMERCE 4AK3 - Accounting Information for Decision Making  
COMMERCE 3MD3 - Introduction of Contemporary Applied Marketing  
COMMERCE 4FW3 - Finance for Entrepreneurs  
BIOCHEM 3G03 - Proteins and Nucleic Acids  
CHEM 20A3 - Organic Chemistry I  
CHEM 20B3 - Organic Chemistry II



## FUTURE CAREER

The Biomedical Discovery and Commercialization program prepares graduates for careers in:

- Biomedical Industry
- Pharmaceutical Industry
- Consulting
- Biotechnology
- Medicine, Dentistry, Veterinary Medicine
- Law



## Research Opportunities

BDC students have the opportunity to engage in research through Level III & IV courses

- BIOMEDDC 3C06 - Research Skills Lab and Inquiry
- BIOMEDDC 4A15 A/B - Senior Research Thesis

**EXPLORE**  
Biomedical  
Discovery and  
Commercialization



*"I chose the BDC program because it allowed me to blend my business and science interests."*

Taneya, BDC and MBDC Alumni, 2021

## HEALTH SCIENCES

### Have questions?

Connect with your program  
of interest for more information.

#### Bachelor of Health Sciences (Honours)

[bhsc.mcmaster.ca](http://bhsc.mcmaster.ca)

#### Integrated Biomedical Engineering and Health Sciences

[ibiomed.mcmaster.ca](http://ibiomed.mcmaster.ca)

#### Honours Biochemistry

[healthsci.mcmaster.ca/biochem](http://healthsci.mcmaster.ca/biochem)

#### Integrated Rehabilitation and Humanities

[srs.healthsci.mcmaster.ca/irh](http://srs.healthsci.mcmaster.ca/irh)

#### Biology and Pharmacology

[biopharm.healthsci.mcmaster.ca](http://biopharm.healthsci.mcmaster.ca)

#### Biomedical Discovery and Commercialization

[bdcprogram.healthsci.mcmaster.ca/](http://bdcprogram.healthsci.mcmaster.ca/)

McMaster University is committed to supporting the needs of all students and ensuring they reach their full potential. Students Accessibility Services (SAS) provides compassionate, individualized services for students with disabilities with an integrated support structure, including facilitation of academic accommodations, programming and support services.

Visit [sas.mcmaster.ca](http://sas.mcmaster.ca) for more information.