

Honours Bachelor of Science in Biomedical Science

Start your academic journey in the field of medicine with an intellectually stimulating and innovation-driven program designed for the future of healthcare.

This meticulously curated program offers a holistic, in-depth curriculum tailored to equip graduates for medical school, graduate studies and careers in biotechnology and similar sectors. The program accentuates the acquisition of a robust knowledge base and competencies in biomedical sciences, while also spotlighting the pivotal role of modern digital technologies.

With a core curriculum that encompasses biology, psychology, molecular biology, chemistry, organic chemistry, genetics, biostatistics, anatomy, physiology and the intersection of emerging technology with health, this program is a gateway to the evolving realm of biomedical sciences.

Program Highlights:

- Crafted for intellectually curious and dedicated students with a passion for biomedical science.
- An ideal springboard for medical school, graduate programs, and a myriad of careers in the biotechnology domain.
- Comprehensive curriculum covering a broad spectrum of foundational and advanced disciplines, seamlessly integrating digital skills, scientific inquiry, and communication prowess.
- Developed in collaboration with esteemed medical institutions like Saba University School of Medicine, Medical University of the Americas and St. Matthew's University.
- Offers an expedited academic pathway, enabling students to accelerate their studies by enrolling in courses throughout all four academic terms, potentially culminating in an earlier graduation.



Launch your career at UNF
and lead the future of healthcare.

Honours Bachelor of Science

Quick Facts:

Professionally oriented program: Meticulously designed to prepare graduates for an array of roles in healthcare, biotechnology, and beyond.

Extensive curriculum: Encompasses a vast array of subjects from biological and biomedical to chemical, physical, psychological, social and behavioural foundations.

Flexible program duration: Opportunity to accelerate studies by enrolling in courses during all four terms of the academic year.

Strong emphasis on digital skills: Nurtures a digital competency alongside a solid foundation in biomedical sciences.

Real-world application: The program's curriculum is imbued with practical learning experiences, preparing students to adeptly navigate the biomedical sector.

Featured Courses :

General Biology:
Laying the groundwork for advanced biomedical studies.

Intro to Medical & Scientific Computing :
Merging biomedical sciences with digital technology.

General Chemistry I & II:
Building a solid foundation in chemical principles essential for biomedical sciences.

Organic Chemistry I & II:
Delving into the chemistry of carbon compounds.

Molecular Biology:
Exploring the molecular mechanisms underlying biological processes.

Program Opportunities:

- Apply your knowledge and skills in real-world settings through a plethora of projects and hands-on experiences.
- Gain a competitive edge in the biomedical field by mastering a broad spectrum of scientific, digital, and communication skills.
- Engage in a rigorous and enriching learning journey, from fundamental biological concepts to advanced biomedical and digital knowledge.

University of Niagara Falls Canada has been granted a consent by the Minister of Colleges and Universities to offer this program for a five-year term starting October 14, 2022. Prospective students are responsible for satisfying themselves that the program and the degree will be appropriate to their needs (e.g., acceptable to potential employers, professional licensing bodies or other educational institutions).

Connect with Us

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Career Pathways:

Graduates of the Honours Bachelor of Science in Biomedical Sciences program, fortified with an expansive knowledge base and competencies in biomedical sciences, are on track to become pivotal contributors in healthcare, biotechnology and related sectors, making strides in fields as diverse as medical research, pharmaceuticals, public health and biotech entrepreneurship.

With a increasing demand for professionals proficient in biomedical sciences coupled with digital acumen, graduates stand at the cusp of an array of exciting opportunities in a perpetually advancing biomedical landscape.

In Canada, the sectors of healthcare and biotechnology are experiencing significant growth, fostering a vibrant job market ripe with opportunities for fresh talent stemming from higher education institutions.

Thrive as a **Healthcare Professional**, delving into patient care and medical practices.

Excel as a **Laboratory Technician**, utilizing your expertise to contribute to scientific discoveries and advancements in the biomedical field.

Shine as a **Science Writer** or **Journalist**, translating complex scientific findings into accessible information for the public, thereby bridging the knowledge gap.

Propel forward as a **Pharmaceutical Sales Representative**, leveraging your understanding of biomedical sciences to foster connections between pharmaceutical companies and healthcare professionals.

Influence as a **Public Policy Advisor**, employing your biomedical knowledge to shape healthcare policies for a healthier society.

Admissions Requirements

Completion of Ontario Secondary School Diploma (OSSD) or equivalent, with a minimum overall average of 70% in six Grade 12 U or M-level courses, including Ontario 4U Math and 4U English or their equivalent.

Applicants seeking transfer to UNF from an alternate postsecondary institution must have at least 24 academic credit hours (or equivalent to one year full-time studies) from a recognized institution with a minimum cumulative grade point average (CGPA) of 2.00 (on 4.33 scale) or a C average to be considered for admission.

Applicants seeking Mature Student Admission must be over nineteen (19) years of age on or before the first day of classes, have not achieved the OSSD or its equivalent, and be approved by the Registrar.

For more detailed admissions information, please visit unfc.com/admissions/undergraduate

Tuition and Fees

For updated tuition and fees, please visit unfc.com/admissions/tuition-fees

How to Apply

To learn how to apply, please visit the program page: unfc.com/HBSc