

NIPISSING

U N I V E R S I T Y

nipissingu.ca/biology
nipissingu.ca/environmentalbiotech
@NipissingU

Bachelor of Science Biology

Bachelor of Science Environmental Biology and Technology

Biology is the scientific study of all living organisms – from the microscopic to the gigantic. Both of our programs will provide you with a comprehensive background as you investigate theoretical topics like evolution by natural selection, biological classification, inheritance, cells, bioenergetics, homeostasis and ecosystems.

As a biology student, you likely have an innate desire to learn about life, the science behind it and its many forms. You may be driven by a desire to go to medical school, concerned by the rate of plant and animal extinction, or fascinated by forestry and ecology. Whatever future you want to pursue, Nipissing offers strong and well-rounded programs that provide you with a solid jump-start.

Through the Biology program, you will have the opportunity to earn not only your Honours Bachelor of Science degree, but you also have the options of completing a minor in Chemistry, a Certificate of Neuroscience, and a Certificate in Forest Resource Management and Conservation.

If you choose to take the Environmental Biology and Technology program, you will earn an Honours Bachelor of Science degree from Nipissing University, an Environmental Technician Diploma from Canadore College, and a number of other valuable certificates.

Register for
Open House,
book your own tour
or get more info at
[nipissingu.ca/
futurestudents](http://nipissingu.ca/futurestudents)



Why Nipissing?

Our Biology department is collaborative and student-oriented. With small class sizes, you will engage in lively discussions and debate course content with your peers and professors who will know you by name, care about your progress and help you develop to your full potential.

Our supportive and accessible professors take a hands-on approach to learning, with an open door policy that welcomes students during and often outside of office hours when extra help is required.

Field trips are a key component of our Biology programs and almost every course includes a combination of lecture and laboratory hours. You will study in state-of-the-art facilities including research labs, a fish lab, a herbarium, a roof-top greenhouse, and a wide range of aquatic and forest environments. In addition, our new research wing includes a Central Analytical Facility featuring cutting-edge equipment for isolating and identifying extremely minute quantities of chemicals, from those found in the environment to genes and DNA.

The mix of theory and practical hands-on lab work helps to support the knowledge gained from text books and classes, while providing opportunity to integrate real-world applications.

What does my first year look like?

In your first year, you can expect to take two introductory courses—Molecular and Cell Biology, and Organismal and Evolutionary Biology. These core courses will form the foundation for the rest of your learning. You will also choose other courses such as chemistry, math or social sciences. Our professors are renowned for their skill in engaging students and helping to ignite your passion for the specific areas of biology you love.

Where Can I Go After Graduation?

Whichever Biology program you choose at Nipissing University will more than prepare you for successful employment or further education. Graduates have gone on to careers in teaching, research, medicine, consulting, wildlife management, public health, forestry and more.

Our students have won prestigious scholarships, published thesis work in international scientific journals and accepted awards at international conferences. Our students also have a high success rate in applying for postgraduate studies and receiving highly competitive scholarships. In fact, Nipissing graduates have an edge over many other graduate applicants because of the intensive research experiences they are able to complete as undergraduates.

For a
sample timetable
and more information
on our programs, visit
nipissingu.ca/biology
or
[nipissingu.ca/
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TOP 3
in **STUDENT**
SATISFACTION

among primarily undergrad
Ontario universities
— Maclean's 2020



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ONE STUDENT AT A TIME

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