Glendon offers the first and only bilingual Biology BSc in Southern Ontario. With courses that focus on ecology, evolution and behavioural biology, our program is uniquely qualified to train students for careers in numerous fields of biology such as natural resource management, conservation, environmental protection and research and development in top private and public sectors. Our campus is embedded in a natural landscape, which makes for a great outdoor classroom. Our professors are internationally known and include Natural Sciences and Engineering Research Council of Canada–funded faculty and the York Research Chair in Primate Behavioural Endocrinology. Our BSc is an excellent springboard for bilingual health-related careers, currently in high demand in Ontario.

Two-week intensive research course in Gaspé, Québec

“This experience confirmed for me how important it is to have a practicum,” says Izabella, “because we got to see everything we learned. It demonstrated how dynamic biology is in the field.” Megan agrees: “It brought the classroom to life, and it gave me insight into how research unfolds. Now when I read a journal article, I have an understanding of what the authors actually experienced.” — Izabella M. and Megan S., 4th-year biology majors

Boost Your Major

- Enrol in a field course in Toronto or in the province of Quebec
- Take part in YU ROC!, a student-led biodiversity monitoring program on campus
- Join the Jane Goodall’s Roots & Shoots – Glendon Chapter
- Participate in a professor’s research or develop your own research project

Skills You’ll Earn

- Comprehend detailed scientific material
- Perform lab and field work
- Gather data, formulate hypotheses, test predictions and interpret results
- Write scientific reports and research articles
- Understand how the development, process and application of biology intersect with human ecologies

Career Paths

As a Biology graduate, you are well-equipped to become a leader and changemaker, locally and internationally. You can choose to pursue grad studies or obtain additional qualifications to help your career. Here are examples of careers related to Biology:

- Biologist
- Doctor or veterinarian
- Biology technician
- Research scientist
- Biology professor
- Teacher
- Conservation biologist
- Zookeeper

Your Quest

Starts Here
# Your Path To Success

**Biology (BSc, iBSc) | www.glendon.yorku.ca/biology**

## Academics

**First Year**
- Attend an enrolment-planning workshop with the Academic Advising team
- Consult your program requirements in the Academic Calendar
- Full-year introductory courses include microscopy, genetics, ecology and other labs
- Start or continue your language journey and visit our language-learning support centres

**Middle Years**
- Request a progress report and meet with your academic advisor
- Courses include Ressources biologiques, General Ecology and Conservation Biology
- Take field courses offered on campus, in Quebec and even in your own backyard!

**Final Year**
- Choose to conduct honours thesis research
- Take international field courses through the Ontario University Field Program in Biology (OUPFB)
- Plan for your bilingual or trilingual certification; apply for the exam
- Get your degree audit
- Apply to graduate

## Get Involved

**First Year**
- Participate in orientation activities like JumpStart and Frosh Week
- Join a club, such as Jane Goodall’s Roots & Shoots – Glendon Chapter
- Visit the Salon francophone or ESL Open Learning Centre
- Meet the Student Life Coordinator

**Middle Years**
- Become a Peer Mentor
- Join the Student Union and develop your leadership skills
- Represent students’ voices in university governance and/or committees
- Take part in YU ROC!, a student-led biodiversity monitoring program on campus

**Final Year**
- Spread the word about clubs, organizations and events you have enjoyed and have helped you get connected on campus
- Become a Glendon Ambassador
- Become a Peer Mentor

## Gain Experience

**First Year**
- Contact the Experiential Education office to find opportunities
- Create projects with the Glendon Digital Media Lab
- Optimize your experience and articulate your skills through Becoming YU
- Take hands-on lab courses

**Middle Years**
- Apply to the Research Apprenticeship Program
- Pursue your passion project in G21, Glendon’s inquiry-based incubator, or GENIAL for startups
- Take courses with field trips
- Volunteer to do research
- Help an organization, such as Toronto Wildlife Centre

**Final Year**
- Work on practical challenges by enrolling in the Cross-Campus Capstone Classroom (C4)
- Continue your involvement in research activities
- Take field courses

## Think Globally

**First Year**
- Learn another language – 20 languages are taught at Glendon and Keele Campuses, including French, Spanish and Ojibwe!
- Develop your intercultural competencies

**Middle Years**
- Consider an exchange abroad or in Quebec
- Enrol in Francais par experience to expand your knowledge in French and of the francophone culture by doing a workplace placement
- Undertake research with professors, e.g., in Africa
- Enrol in international field courses through the Ontario University Field Program in Biology

**Final Year**
- Volunteer with organizations that focus on international issues or diversity in Canada
- Attend Glendon’s Bilingual Job Fair and networking events
- Use the Career Centre to enhance your résumé and LinkedIn profile; learn new job search techniques
- Attend a workshop on grad school applications
- Join a professional association in your field

## Plan Your Future

**First Year**
- Build your transferable skills by participating in workshops about skills and career development

**Middle Years**
- Explore career options and learn more about the skills required
- Discover career opportunities by connecting with alumni
- Book an appointment with the Career Centre to start working on your résumé, cover letters and interview skills

**Final Year**
- Plan for your bilingual or trilingual certification; apply for the exam
- Get your degree audit
- Apply to graduate

## Other Skills You’ll Earn

### Communication, Data Gathering & Organizational Skills
- Present your thoughts clearly and intelligently in written statements and opinion pieces
- Deduct information from various sources
- Critically analyze problems, think creatively and make sound decisions while considering different sides of an argument
- Clearly explain complex ideas and apply complex theoretical concepts to everyday practice and professional dilemmas

### Management & Teamwork
- Analyze information presented by peers; constructively support and challenge peer proposals, theories, ideas and reports to achieve a project’s intended result
- Work effectively in groups, partaking in decision-making and contributing to the ultimate success of the team and task
- Debate, persuade, mediate and present thoughts and opinions
- Recognize and incorporate potential solutions or applications to problems
- Identify priorities and proper courses of action, plan the execution of tasks and determine and delegate responsibilities to group members to effectively carry out projects

### Admission Requirements

- Ontario Secondary School Diploma or equivalent, with average of 70% in class or higher in the top 6 4U courses
- Minimum of 6 4U or 4M courses, including 4U English (ENG4U) or FRA4U
- A combination of U and M courses; OACs are accepted
- OUA4U, SCH4U and MHF4U are recommended

*Average is calculated based on the top six 4U; 4M or DU courses

## Get In Touch

**Domestic students:** liaison@glendon.yorku.ca  
**International students:** international@glendon.yorku.ca

Attend one of our events!

*Follow us on*  
Twitter: @GlendonCampus  
Facebook: GlendonCampus  
Instagram: @GlendonCampus