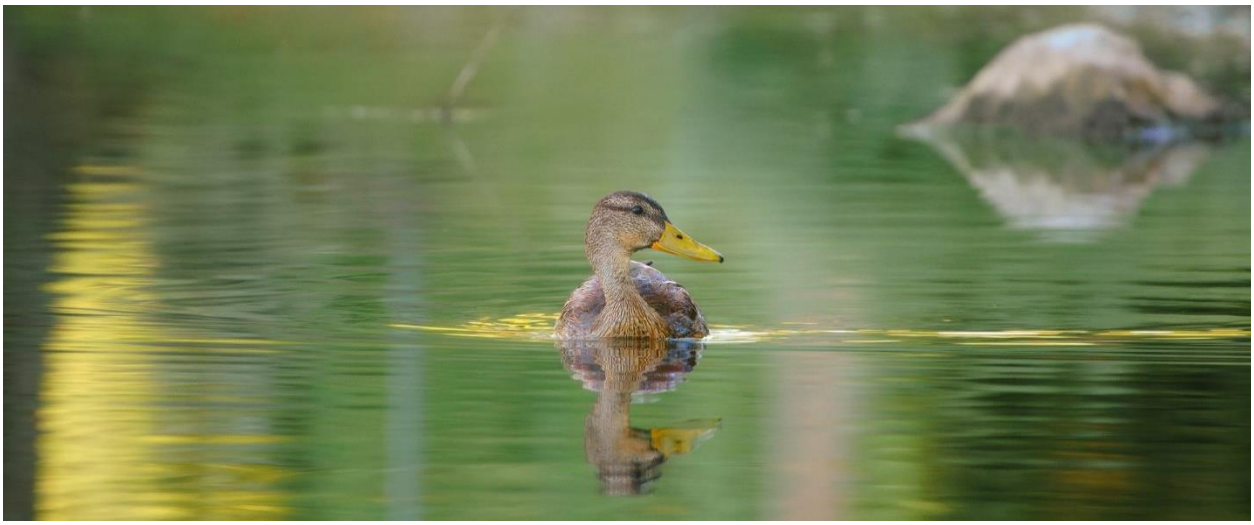
Undergraduate Newsletter
Department of Biology
March 2025 Issue



Welcome back we hope you had a good reading week and were able to relax and enjoy your time!

March Break Open House - Many thanks for your contribution

Many thanks to Bradley, Clare, Maxine, Izza, Adam, Jenna and Nicole, and to Drs. Sarah Yakimowski, and Maria Aristizabal for all being there and engaged!! Thanks especially to Maria for general coordination and for arranging the Drosophila, the shark (?) teeth, and the plant samples as well Paul Martin for the beautiful owl respectively. Overall, we got a chance to really engage with many interested students and parents, and I felt it all went very well.

Important dates to remember…

- ✓ **Majors Night** is Thursday March 13th from 4:00pm to 7:00pm in Grant Hall

Are you going into 4th year in 2025-2026?

BIOL 537 – Honours Thesis Course
Faculty Project Profiles and Application for 2025-2026 and can be found @ https://biology.queensu.ca/academics/undergraduate/courses/honours-thesis-course/
Application deadline: **March 17, 2025**

BIOL 5XX – Advanced Honours Seminars
The BIOL 5xx Advanced Honours Seminars Application for 2025-26 can be found @ https://biology.queensu.ca/academics/undergraduate/courses/advanced-honours-seminars/.
Application deadline: **May 9, 2025**

BIOL 404 - Summer 2025
BIOL 404: May 5th to May 16th (the last date to add/drop the course is May 6th at mid-night)
Course details can be found @ https://130.15.90.125/BioLab/biol404.html

BIOL 404: Techniques in Molecular Biology (Units: 3.00)
Intensive laboratory work (8h/day) to be carried out over two and a half weeks in May. Practical work includes DNA isolations, DNA cloning, PCR, production of proteins, biochemical and immunological analysis of proteins.

BIOL 418 - Summer 2025
BIOL 418: May 5th to May 16th (the last date to add/drop the course is May 6th at mid-night)

BIOL 418: Fisheries Techniques (Units: 3.00)
This course will introduce students to many "hands-on" techniques currently used in fisheries. This will include fish identification, different capture techniques for fisheries assessment, bioacoustics, environmental monitoring, techniques for ageing fish, diet analysis, fish tracking (biotelemetry approaches), and data management.

Undergraduate Research Opportunities Through the Research Mentorship 538/539/540
Biology 538 (3.0 unit), 539 (3.0 unit) and 540 (6.0 units [a full-year two-term research mentorship]) offer individual students the opportunity to undertake a laboratory research practicum under the supervision of a biology faculty member. In addition to volunteer work in the host lab, students will normally attend BIOL537 seminars (Fall and/or Winter) and conduct research to present both as a major paper and seminar. Though the lab practicum may be conducted in the Spring, Summer, Fall, or Winter terms, students must formally obtain approval for the course prior to commencing the lab work. Registration is subject to availability of a supervisor and approval by the Undergraduate Chair in Biology. https://biology.queensu.ca/current-students/undergraduate-students/courses/research-mentorship

Did you know? … In order to encourage students to explore subject matter outside their program of study and to promote interdisciplinary study, all upper-year Arts and Science students will be permitted to designate up to 6.0 units of degree-credit courses for pass/fail grading, thereby minimizing any risk to the students' GPA. Such courses designated for pass/fail grading will be

referred to as **Personal Interest Credits (PICs).** https://www.queensu.ca/artsci/students-at-queens/the-personal-interest-credit

How many courses can count towards your degree plan from other Faculties?
A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, HSCI, LAW, NURS, and courses offered by Smith Engineering. https://www.queensu.ca/academic-calendar/arts-science/courses-instruction-other-faculties-schools/

What is the "APR"?
The APR is the Academic Progress Report. It is a handy tool that reviews your degree requirements, track plan progression, and it tells you what you have satisfied and what you still need to complete for your core degree plan requirements. Click here to Run an APR: https://www.queensu.ca/artsci/undergrad-students/academic-requirements-reports-in-solus. Students are expected to run their APR both prior to and after registration. The APR will help to flag potential concerns with respect to your registration and degree requirements.

Need help with your studies?
Please visit Student Academic Success Services (SASS) at http://sass.queensu.ca/. SASS offers academic support to students who wish to develop their skills in critical thinking, reading, learning, studying, writing and self management.

Looking for a job?
Wondering about career options or maybe considering Graduate School, then visit: https://careers.queensu.ca/

Looking for study and travel opportunities → https://www.queensu.ca/ipo/

Wondering how to contact your course program associate regarding work associated with the lab component of core courses?
BIOL 102: biol102@queensu.ca
BIOL 103: biol103@queensu.ca
BIOL 200: biol200@queensu.ca
BIOL 205: biol205@queensu.ca
BIOL 206: biol206@queensu.ca
BIOL 212: biol212@queensu.ca
BIOL 300: biol300@queensu.ca

REMINDERS!
Biology Degree Plans
Review your degree plan requirements and make sure you are selecting courses you need. Degree plan requirements can be found @ https://www.queensu.ca/academic-calendar/arts-science/schools-departments-programs/biology/

Biological Foundations List - IMPORTANT!
It is very important to keep this GPA requirement in mind throughout your program, starting with first year. To be admitted to 400 and 500 level Biology courses, you will need a minimum GPA of 2.0 in any previously taken courses from Biological Foundations list.

The Biological Foundations List is: BIOL 102, 103, 200, 212, 205, 206, 300, 330, 334, 339, & 341.

To be admitted to BIOL 400 and 500 level Biology courses you will need a minimum cumulative GPA of 2.0 in any previously taken courses from this list.

Helpful Links

Arts and Science Academic Deadlines
Arts and Science Calendar
FAQ

QUBS Quick Links

Website: https://qubs.ca
Facebook: https://www.facebook.com/QUBioStation
Flickr: http://www.flickr.com/photos/qubsoutreach
YouTube: https://www.youtube.com/user/QUBScam

BIOLOGY Undergraduate Office
Monday to Friday 9:30am – 12:00pm & 1:00pm – 3:00pm
Rm. 3109d, BIOSC Complex
ug.biology@queensu.ca