

***Undergraduate Newsletter***  
***Department of Biology***  
***August 2021 Issue***



**KEEPING CONNECTED AS WE PREPARE TO RETURN TO CAMPUS**

We trust that you are continuing to be well and looking forward to returning to campus, reconnecting with friends, and moving your career plans along! Although the official start of this very special academic year is still a few weeks away, we are busy getting registration ready. Rachel Batson and I, Ken Ko (Undergraduate Chair), would thus like to keep you updated with pointers and with information currently available to us.



**COURSE REGISTRATION (August 9-16)**

During this time, we experience an increase in student correspondence through email and do our best to answer each question with care and speed. Please be advised that you may not receive an answer as quickly as you expected.

**Registration Info:**

- ✚ Aug 3: Students access the Student Centre to view enrollment appointment times and begin loading classes to their shopping cart on SOLUS
- ✚ Aug 6: 1st Year BISC students Enrolment Appointments
- ✚ Aug 9-16: Class Selection I Restricted: Enrollment Restrictions enforced; 15 units per term limit enforced

- ✚ Aug 18-22: Class Selection II Open: Enrollment Restrictions expired for On-Campus courses; 15 units per term limit enforced.
- ✚ Aug 30–Sept 20: Open Enrollment begins (students may add 18 units)

### ***Appointment Time Schedule for SOLUS (Fall and Winter)***

Aug 9: Appointment Times issued to 1st Year Arts Students (BA(H); BFA(H); BMUS)

Aug 9: Appointment Times issued to QBridge students

Aug 10: Appointment Times issued to 1st Year Science Students (BSC(H); BCMP(H))

Aug 11: Appointment Times issued to all 4th Year Students

Aug 12: Appointment Times issued to all 3rd Year Students

Aug 13: Appointment Times issued to all 2nd Year Students

Aug 16: Appointment Times issued to all Non-degree students (UASC)

### ***2nd Year BIOL MAJOR students***

All 2nd year BIOL MAJ students are being automatically registered in BIOL 205, 243 (for the Fall term) and BIOL 200, 212 and 206 (for the Winter term). Please check your course registration panel in SOLUS to confirm. Second year BIOL MAJ students normally take at least 3.0 units of CHEM at the 200 level along with electives. Don't forget to register in a CHEM 2XX level course and your electives. If you notice that you are not registered in any of the above BIOL 2XX level courses, then please register as soon as you have your enrolment time. If you need assistance, please contact Rachel Batson ([ug.biology@queensu.ca](mailto:ug.biology@queensu.ca)). Please note that once a course/section has filled, Rachel will not be able to register you. If you wish to change a section (providing there is space) you will be able to do this yourself on SOLUS. If you try to move into a section that is full, you will be removed from the course and placed on a wait list and there is no guarantee that you will be successful in obtaining a place. The wait list is not a guarantee that you will secure a place in the course.

### ***2nd year BIMA, BIPS & BTEC students***

Unlike BIOL MAJ students, students in BIMA, BIPS and BTEC plans have a more diverse array of courses from different departments to select from, hence these students are **not** automatically registered into BIOL2XX courses to allow scheduling flexibility. Please review your degree plan course requirements and register in your second-year courses accordingly.

### ***Registration Pointers***

During the first round of course registration, most of the BIOL courses have been reserved for students in degree plans where the course is a requirement. This is probably the same for other departments – students in a degree plan where it is a requirement will get priority into the courses. So, if you try to register in a course and you know you have the course prerequisites but get a message stating that you do not meet the requirements, it is probably because it is not a specific course requirement. You will have the option of going on the wait list. These restrictions will be lifted when open enrolment begins.

### ***Wait List Information***

You can go on a waitlist prior to open enrollment. If there is space at open enrollment and you meet the prerequisites and you have space in your schedule, you will be automatically enrolled into the course. If the course has lecture plus lab and/or tut and/or seminar then there must be space in both the lecture and the additional component before you will be placed. Please note being on the wait list is not a guarantee that you will secure a place.

For more information on [waitlists](#)

### ***Fee Payments & Important Dates:***

It is important to make sure fees are paid or you may be at risk of losing your place in courses. A complete list of deadlines can be found at: <https://www.queensu.ca/artsci/important-dates>

For all details on course registration, please visit: <https://www.queensu.ca/artsci/undergrad-students/course-registration>.

For any *upper year* registration questions please reach out by email to: [asc.registration@queensu.ca](mailto:asc.registration@queensu.ca) or phone at **613-533-2470** (9:00am-12:00pm & 1:00pm-4:00pm EDT, Monday to Friday)

For *first-year* related questions use hotline: **613-533-6708** (9:00am-12:00pm & 1:00pm-4:00pm EDT, Monday to Friday)

For any **SOLUS** related questions or concerns, please check out the [SOLUS Central](#) and [helpfully video's](#) page before reaching out by email to: [solus@queensu.ca](mailto:solus@queensu.ca).

### **CAREER PLANNING MOVES FORWARD**

It appears that the public health situation is continuing to improve these days and now is a good time to ramp up your career strategy as planned, such as for opportunities in the medical, dental, or research professions. This would help with your exploration of courses to build the foundations for your career plan.

Check out the [Biology Major Map](#) from Career Services for career-oriented information. A brief synopsis of useful information is copied here for your convenience.

### **Wondering what skills you will master for your career in Biology?**

A degree in Biology can equip you with:

- Develop knowledge of biological functions
- Use laboratory equipment and instruments
- Gain hands-on experience studying biology in the field
- Comply with quality control and safety regulations
- Collect and preserve organisms
- Design experimental studies
- Present literature and research findings in posters and seminars
- Observe and make measurements
- Write, review, and summarize reports / scientific writing

- Analyze and evaluate information
- Statistical analysis of biological data
- Solve quantitative problems

### **Wondering about careers with a biological background?**

A degree in Biology can take your career in many directions. Many students choose to continue their academic inquiry with a Master's.

Biology students are also equipped with a strong foundation for careers in: Agricultural Sciences; Bioeconomics; Biotechnology; Chiropractory; Dentistry; Environmental conservation; Environmental sustainability; Fisheries science; Marine biology; Medicine; Medical technology; Occupational therapy; Oceanography; Optometry; Pharmacology; Physical therapy; Toxicology; Veterinary medicine.

Taking time to explore career options, build experience and network can help you have a smooth transition to the world of work after graduation.

### **QUEEN'S UNIVERSITY THIS FALL – RETURNING TO CAMPUS!**



The University's current plan is for a full return to on-campus learning with masking and good hygiene practices. Planning is based on positive assumptions with vaccination progress, low COVID-19 transmission, and no capacity limits.

Returning to campus can certainly be stressful. Details about transitioning back to campus, supporting resources, and re-engaging with one another are now available. Start your return journey by checking the Faculty of Arts and Science Next Step website <https://www.queensu.ca/nextsteps/home> and <https://www.queensu.ca/safereturn/>

At this point, in Biology and across campus, most courses are being planned for in-person delivery on campus. There are a few courses being readied to accommodate students unable to return to campus and to allow progress through their plans as much as possible (e.g., ASO online courses and/or FAS-approved fully remote courses). The information from the last issue is reiterated below for your convenience.

#### ***First Year:***

BIOL102 and BIOL103 are being planned for in-person on campus. There are also online options for BIOL102 (Winter 2022 and Summer 2022) and BIOL103 (Fall 2021 and Summer 2022).

BIOL110 is an online course offered through ASO (Fall 2021)

BIOL111 is being planned as a remote course (Winter 2022)

**Second Year:**

BIOL200 (Winter 2022), BIOL205 (Fall 2021), and BIOL206 (Winter 2022) are being planned as in-person, on-campus offerings.

BIOL243 (Fall 2021) is being planned as an in-person, on-campus offering with both on-campus and remote provisions within the course.

BIOL212 is being planned to be in-person, on-campus offerings for Fall 2021 and again for Winter 2022. Due to the cancellation of BIOL212 last year (2020-2021), incoming 3<sup>rd</sup> and 4<sup>th</sup> year students of all BIOL plans are prioritized for enrollment in BIOL212 starting with the Fall 2021 term. It is our recommendation that 3<sup>rd</sup> and 4<sup>th</sup> year students remain as a cohort in the Fall 2021 term as much as possible. Incoming 2<sup>nd</sup> year BIOL MAJ students will be enrolled automatically into the Winter 2022 term to start and can adjust later in the August course registration period (see below for dates). Bear in mind that BIOL212 is currently flexible in terms of which plan year you wish to schedule this course. This flexibility may help with the scheduling of your courses.

**Third & Fourth Year:**

BIOL330 (Fall 2021) and BIOL334 (Winter 2022) are designated by the Faculty of Arts and Science as remote offerings.

BIOL350 is offered twice, as an online course through ASO for Fall 2021 and is planning to be in person on campus for Winter 2022.

BIOL503 (Fall 2021) is designated by the Faculty of Arts and Science for remote delivery.

Currently, all other 3<sup>rd</sup> and 4<sup>th</sup> year courses are being planned for in person on campus.

**LETTER TO STUDENTS**

As we all plan on returning to normal life at Queens University, we encourage you to get your COVID-19 vaccine. We all have a responsibility to help get this virus under control. Through a

collective effort, we can successfully transition to on-campus learning when everyone does their part to keep safe. Queen's will be hosting a COVID-19 vaccination clinic on campus for individuals who have not received their shots. More details to come.



Get Vaccinated!

**The Faculty of Arts and Science Staff Hiatus Period** (Please note that many staff will be taking vacation during this time and will have limited to no access to their email, please respect these time period).

✓ August 23<sup>rd</sup> to 27<sup>th</sup> (5 days)

### SOME UPCOMING CHANGES TO BIOLOGY COURSES AND PLANS

It is now time to review and decide on which courses to advance your degree plan. We would advise you to plan carefully by selecting not only courses for the coming year but future years as well, to see how your plan pans out. Review all BIOL course offerings and course pre and/or co-requisites. Course descriptions can be found at:

<https://biology.queensu.ca/academics/undergraduate/courses/course-listings/>

*Note: not all BIOL courses will be offered each year, so take this into consideration when creating your future plan.*

### Timetable – Scheduling Courses

Every effort will be made to schedule BIOL courses conflict-free. This is a complex feat, therefore it is not always possible to schedule BIOL 300, 400, and 500 level courses conflict-free. You may not be able to schedule the combination of courses you have decided on and may need to anticipate changes to your choices.

*Note: The Department of Biology does not waive timetabling conflicts. The expectation is that you are able to attend all scheduled lectures, labs, seminars, and tutorials for each course.*

| Course               | Title                             | Change   |
|----------------------|-----------------------------------|--|
| BIOL 102 (3.0 units) | Introductory Biology of Cells     | Title: Fundamentals of Biology: Molecular and Cell Biology                                 |
| BIOL 103 (3.0 units) | Introductory Biology of Organisms | Title: Fundamentals of Biology: Organisms to Ecosystems                                    |
| BIOL 206 (3.0 units) | Evolutionary Genetics             | Recommendations Removed (BIOL 200/3.0 or BIOL 201/3.0 and BIOL 202/3.0)                    |
| BIOL 315 (3.0 units) | Plants and Human Culture          | Prerequisites: BIOL 102/3.0 and BIOL 103/3.0<br>Corequisites: BIOL 200/3.0 or BIOL 201/3.0 |
| BIOL 316 (3.0 units) | Fisheries Biology                 | Prerequisites: BIOL103/3.0<br>Corequisite: (BIOL 200/3.0 or BIOL 202/3.0)                  |

|                      |                       |  |
|----------------------|-----------------------|--|
| BIOL 331 (3.0 units) | Analytical Genomics   | Exclusion(s) BCHM370/3.0;<br>BMED 370/3.0. |
| BIOL 422 (3.0 units) | Conservation Biology  | Exclusion/One-way exclusion<br>ENSC 320    |
| BIOL 421 (3.0 units) | Conservation Genetics | No longer offered                          |

| Course list       | Change        | Course(s)  |
|-------------------|---------------|--|
| BIOL Subs A List  | Course added  | MICR271  |
| BIOL Subs B List  | Courses added | HLTH323/3.0; PHAR270/3.0;<br>PHAR 340/3.0;<br>PHAR370/3.0; |
| BTEC Options List | Courses added | BCHM370/3.0;<br>PHAR370/3.0; PHAR480/3.0                   |

PEER  
MENTOR  
PROGRAM

**The Upper Year Peer  
Mentor Program  
is hiring MENTORS**

There is no better time to engage in mentorship, step up  
for your peers and stand out as a leader. Apply today!

Queens UNIVERSITY | STUDENT AFFAIRS  
STUDENT EXPERIENCE OFFICE

Calling out **Mentor** candidates! There's perhaps no better time to engage in mentorship, step up for your peers and stand out as a leader. The Upper Year Peer Mentor Program is looking for Mentors for the 2021-22 academic year!

## **PATHY FELLOWSHIP – SUMMER PROMOTION**

***\$40,000 in funding for self-directed community project.***

*One year. One project. Unleash your potential*

The Pathy Foundation Fellowship provides professional leadership training and support for graduating students to lead a community development project anywhere in the world.

The 12-month fellowship is for graduating students who have:

- the **capacity and potential** to develop as effective change-agents;
- a **meaningful connection with a community** of their choosing anywhere in the world; and
- an **innovative idea** of how this community could be strengthened.

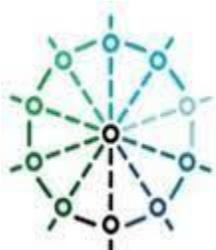
Use this [link](#) to register for the following *SUMMER Information Sessions, Workshops and 1-1 Advising*

August 9-11: 1-1 Student Advising Hours with Pathy Coordinator

August 17: Alumni Event

August 18-19: Project Management Lunch 'n Learn

For more information, visit: [www.PathyFellowship.com](http://www.PathyFellowship.com)



# **Pathy Foundation Fellowship®**

Developing strong leaders.  
Building stronger communities.

Check out our website at <https://www.queensu.ca/studentexperience/peer-programs/peer-mentor-program> for more details and to apply.

### **1<sup>st</sup> Year students interested in a degree in BIOLOGY**

Details and deadlines for selecting a degree plan for next year can be found at:

<https://www.queensu.ca/artsci/undergrad-students/plan-selection>

### **Up to date registration details and deadlines for all Faculty of Arts and Science students**

Course registration details and deadlines can be found at:

<https://www.queensu.ca/artsci/undergrad-students/course-registration>

### **Arts and Science important academic dates, deadlines, and special events:**

<https://www.queensu.ca/artsci/important-dates>

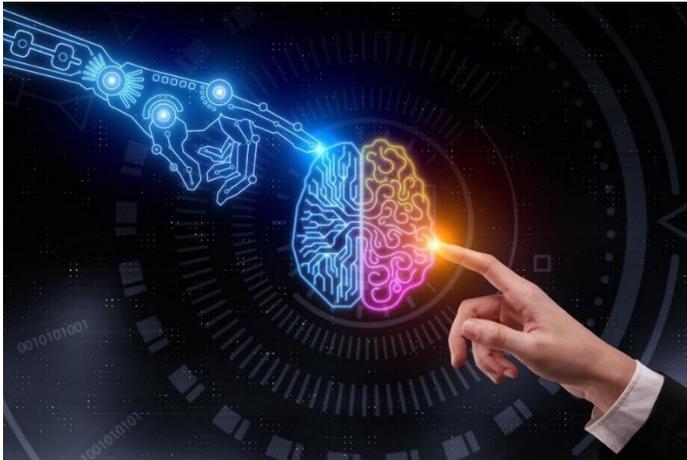
The **2021-22 Arts and Science Calendar** when ready will be available at:

<https://www.queensu.ca/artsci/undergrad-students/academic-calendar>

### **Incoming 4<sup>th</sup> year BIOL Students**

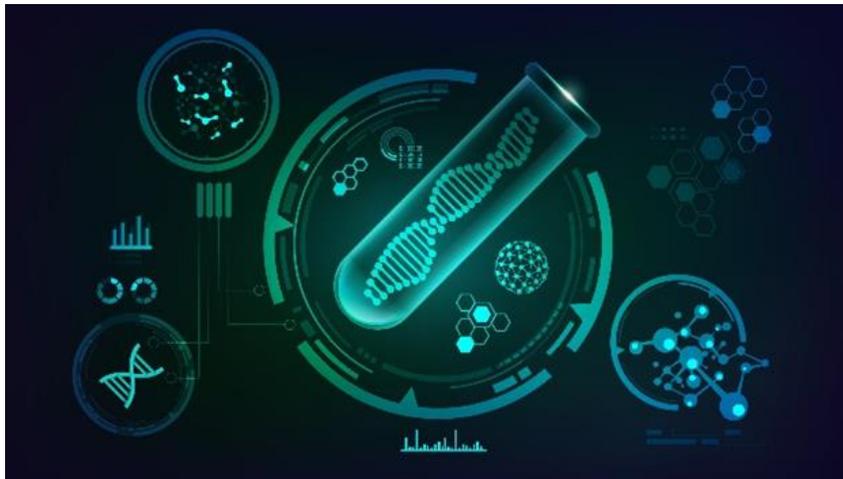
**BIOL 5XX Seminar Courses 2021-22** descriptions are available on our website at:

<https://biology.queensu.ca/academics/undergraduate/courses/course-listings/>



**BIOL 537** – keep exploring!

Although the first round has finished, BIOL 537 is still open for further offers up until early September. If you are still interested, you are encouraged to be independently proactive in seeking and securing arrangements. The advice is to do your homework and be professional with your contacts and interactions with potential supervisors. Biology Faculty have been notified that there are still students seeking a project. If a late offer comes through the Biology Undergraduate Office, you will be notified by an e-mail from Rachel.



And let's not forget about **BIOL 538-540** → *Research Mentorship Opportunities!*

<https://biology.queensu.ca/academics/undergraduate/courses/research-mentorship/>

**Admission to 400- and 500-level Biology Courses**

Admission to 400- and 500-level Biology courses requires a minimum cumulative GPA of 2.0 in any previously taken courses from the Biological Foundations List (**BIOL\_FNDS**). Requests for special consideration must be submitted to the Chair of Undergraduate Studies.

**BIOL\_FNDS** BIOL 102/3.0; BIOL 103/3.0; BIOL 200/3.0; *BIOL 201/3.0; BIOL 202/3.0*; BIOL 205/3.0; BIOL 206/3.0; BIOL 212/3.0; BIOL 300/3.0; BIOL 330/3.0; BIOL 334/3.0; BIOL 339/3.0; BIOL 341/3.0; *BIOL 302/3.0; BIOL 303/3.0*

### 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.

### Wondering how to contact your course program associate regarding work associated with the lab component of core courses?

BIOL 102: [biol102@queensu.ca](mailto:biol102@queensu.ca)  
BIOL 103: [biol103@queensu.ca](mailto:biol103@queensu.ca)  
BIOL 200: [biol200@queensu.ca](mailto:biol200@queensu.ca)  
BIOL 205: [biol205@queensu.ca](mailto:biol205@queensu.ca)  
BIOL 206: [biol206@queensu.ca](mailto:biol206@queensu.ca)  
BIOL 212: [biol212@queensu.ca](mailto:biol212@queensu.ca)  
BIOL 300: [biol300@queensu.ca](mailto:biol300@queensu.ca)

### Important Link



Updates on COVID-19: <https://www.queensu.ca/covidinfo/>

### REMINDERS!

#### **Biology Degree Plans**

Review your degree plan requirements and make sure you are selecting courses you need. Degree plan requirements can be found at: <https://www.queensu.ca/artsci/undergrad-students/academic-calendar>

#### **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, (201, 202), 205, 206, 300, 330, 334, 339, and 341 (BIOL 302, 303).

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

[Information on Applying for a Course Prerequisite Waiver](#)

[Arts and Science Academic Deadlines](#)

[Arts and Science Calendar](#)

[Frequently Asked Questions](#)

### QUBS Quick Links

Website: <https://qubs.ca>

Facebook: <https://www.facebook.com/QUBioStation>

Twitter: [https://twitter.com/QUBS\\_Director](https://twitter.com/QUBS_Director)

Flickr: <http://www.flickr.com/photos/qubsoutreach>

YouTube: <https://www.youtube.com/user/QUBScam>

**Looking for a job?** [Quick Link](#)

**Looking for study and travel opportunities?** [Quick Link](#)

Biology Undergraduate Office (normal non-COVID-19 operations)

Mon to Friday 9:30am – 12:00pm and 1:00pm – 3:00pm

Rm. 3109d, BIOSC Complex

613-533-6344

[ug.biology@queensu.ca](mailto:ug.biology@queensu.ca)

**NOTE: Use email to correspond during COVID-19 as we are working remotely.**