We trust that you are keeping well and looking forward to moving ahead with your academic endeavours as registration for this special year is starting. Julie French and I, Ken Ko (Undergraduate Chair), would thus like to keep you updated with information, even if partly tentative at this stage.

Registration Info

Planned Upcoming Timelines
August 4 – view your enrolment appointment time and begin adding courses to your shopping cart
August 10 – 1st year science students begin registering in courses
August 12 – 1st year arts students begin registering in courses
August 17 – 4th year students begin registering in courses
August 19 – 3rd year students begin registering in courses
August 24 – 2nd year students begin registering in courses
August 25 – all non-degree students begin registering in courses
August 27 & 28 – no access to SOLUS – Pause Day
August 26 to August 31 – students cannot make changes to course registrations
August 31 – open enrolment begins, students may register for up to 20.5 units per term

You can find your enrolment date and time on SOLUS.

2nd Year BIOL MAJOR and BTEC students

All 2nd year BIOL MAJ students are now registered in BIOL 205, 243 fall term, BIOL 200, 212 and 206 winter term. Please check your course registration panel in SOLUS. 2nd year MAJ students also normally take at least 3.0 CHEM at the 200 level along with electives, please do not forget to register in a CHEM 200 level course and your electives. If you notice that you are not registered in the above BIOL 200 level courses and you are a BIOL MAJ student, then please register as soon as you have your enrolment time. If you need assistance, please contact Julie (frenchj@queensu.ca). Please note that once a course/section has filled Julie will not be able to register you. If you wish to change a section and 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.

2nd Year BTEC students

All 2nd year BTEC students have been registered in BIOL 212. If you do not wish to take, please drop the course once you have your enrolment date.

BIOL212 will be offered in the Winter Term 2021 only (see below table), but be aware that the scheduling of BIOL212 in your plan is flexible, for example, you may wish to take BIOL212 in the Fall Term of 2021 if you are not returning to campus. Due to the nature of this lab-based course, it is not possible to conduct BIOL212 remotely. Also, note that scheduling and the length (1.5 hours versus 3-hours) of the BIOL212 lab sections are still being worked out at this point because of campus spacing, social distancing needs, etc.
2nd year BIMA, BIPS

Please review your degree plan course requirements and register in your second-year courses accordingly.

BIOL 500 Seminars

We have now processed applications received for BIOL 500 level seminars. You should see the course in your solus registration panel. If you applied and were not placed, it was because your account was on hold or you did not have the appropriate prerequisites. Please note we are not accepting late applications. If you are interested in taking a BIOL 500 seminar and were not placed, or did not apply, it is now your responsibility to enrol during your course enrolment time. If there is space and if you have the appropriate prerequisite SOLUS will allow you to register. If you were placed in a BIOL 500 seminar and you no longer wish to take the course you should be able to drop the course using SOLUS.

Some changes to BIOL 500 course offerings were made after the application process ended. BIOL 530 was moved into the winter term (from fall) and BIOL 502 was added to the fall term offerings – the course description for BIOL 502 can be found at: https://www.queensu.ca/artsci/sites/default/files/a_courses_of_instruction_2.pdf

BIOL 537

If you applied and were offered a place in BIOL 537, you should now be registered. Please check SOLUS. If you do not see BIOL 537A and B listed on your registration panel, please let Julie know as soon as possible – frenchj@queensu.ca.

BTEC Updates Due to Curriculum Changes Made by the Other Faculties

PHAR 270 is currently listed as one of the BTEC Option courses. This course has been renumbered to PHAR 370. Either of these courses will count as a BTEC Option course (but not both).

PHAR 380 – note this is not a BTEC Option course. If you take this, it will count as an elective only.

PHAR 480 is now the equivalent to DDHT 459. DDHT 459 is currently listed as one of the BTEC Option courses. Students are now able to count either PHAR 480 or DDHT 459 as a BTEC Option course (but not both).

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 Aug 31st 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, please see here: [https://www.queensu.ca/artsci/undergrad-students/course-registration](https://www.queensu.ca/artsci/undergrad-students/course-registration)

**Winter Term Course Scheduling**

You have probably already noticed that winter term course meeting locations appear as TBD. This is because the University is trying to provide the best possible winter term scheduling. This will take a little more time. As soon as the full schedule becomes available you will be notified. Please go ahead and register for your winter term courses now. Do not wait until winter term begins.

**Fee Payments and Other Important Dates**

It is important to make sure fees are paid or you may be at risk of losing your place in courses. Do not forget to check! A complete list of deadlines can be found at: [https://www.queensu.ca/artsci/important-dates](https://www.queensu.ca/artsci/important-dates)

**Important Links**

Updates on Fall 2020 [https://www.queensu.ca/artsci/fall2020](https://www.queensu.ca/artsci/fall2020)

Course Registration Information: [https://www.queensu.ca/artsci/undergrad-students/course-registration](https://www.queensu.ca/artsci/undergrad-students/course-registration)

Updates on COVID-19: [https://www.queensu.ca/covidinfo/](https://www.queensu.ca/covidinfo/)

**Schedule of Courses Planned for Fall 2020 and Winter 2021**

Fall Term 2020 courses are to be delivered remotely. Depending on the course, material will be delivered using a mix of asynchronous and synchronous modes. Previews of remote delivery plans are provided in the next section.

With the exception of first year courses being remotely delivered as announced by the Faculty of Arts and Science, the Winter Term 2021 is fluid and is still being finalized with a mix of delivery modes (on-campus, remote delivery, or online). The below tentative plan for the Winter Term 2021 may change further in the fall in terms of being on-campus versus remotely delivered. With the possibility of limited campus space, social distancing, and other evolving health-related reasons, many of the upper year lecture-based courses are likely planning for remote delivery. The lab courses are planned for on-campus delivery because of their need to be in person.
To help with your planning, the following reference table provides an overview of the three terms for the 2020-2021 academic year. Since we do not know what the public health situation will be in the winter term, it is prudent to assume a plan that protects the integrity of courses and the health of all parties.

<table>
<thead>
<tr>
<th>Fall Term 2020 (All Remote)</th>
<th>Winter Term 2021 (Planned for On-campus &amp; Remote)</th>
<th>Spring-Summer Term 2021 (Planned for On-campus and Online)</th>
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<tbody>
<tr>
<td>BIOL102</td>
<td>BIOL103 (Remote)</td>
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<td>BIOL111 (Remote)</td>
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<td>BIOL200 (Remote)</td>
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<td>BIOL205</td>
<td>BIOL206 (Remote)</td>
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<td>BIOL212 (On-campus)</td>
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<td>BIOL243</td>
<td>BIOL243 (Online)</td>
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<td>BIOL300</td>
<td>BIOL315 (Not offered)</td>
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<tr>
<td></td>
<td>BIOL316 (Remote)</td>
<td>BIOL321 (Online Only)</td>
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<td></td>
<td>BIOL322 (Remote)</td>
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<td>BIOL331 (Remote)</td>
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<td>BIOL334 (Remote)</td>
<td>BIOL335 Spring Only (6 weeks)</td>
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<td>BIOL339</td>
<td>BIOL341 (Remote?)</td>
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<td>BIOL343</td>
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<td>BIOL360</td>
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<td>BIOL401 Spring Only (6 weeks)</td>
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<td>BIOL402 (On-campus)</td>
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<td>BIOL403 (On-campus)</td>
<td>BIOL404 (Spring and Summer)</td>
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<td>BIOL411 (On-campus)</td>
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<td>BIOL504</td>
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## Preliminary Remote Delivery Plans for Select FALL Term Courses

This selection of courses should provide you with previews of the ways courses will be delivered this fall. Most courses will utilize permutations of the approaches described below to maximize interactions, engagement, and normalcy.

### BIOL102

The remotely delivered Fall 2020 version will involve 2-3 pre-recorded lectures (< 20 minutes each) per week. Eight tutorials are planned for the term, 4 of which will be synchronous and 4 asynchronous. There will also likely be a weekly activity. The current plan for examination is to hold two midterms with no final exam.

### BIOL205

Lectures will be delivered synchronously “webinar” style using the Zoom platform (or similar software) along with live participation activities, such as “clickers” and weekly quizzes. The plan is to provide recorded highlights of the live lectures afterward and accompany these recordings with fora for questions and discussions. Tutorials will also be conducted synchronously.

### BIOL243

The course will be offered as an online course similar to the one offered by Arts and Science Online.

### BIOL300 Ecology

The plan is to deliver interactive lectures using a series of online video clips with student participation at the end of each clip before accessing the next clip. Assessments will be conducted online. Interactions with instructors are likely to be live using Zoom and a predetermined schedule.

### BIOL360 Biotechnology and Society

The course delves into the interesting world of biotechnology and the controversies that it incites in society. The topics planned will include: Industrial Biotechnology; Pharmaceutical Biotechnology;
Agricultural Biotechnology- Crops & Animals; Synthetic Biology; and Medical Biotechnology. Remote delivery will be in the form of weekly asynchronous lectures and biweekly synchronous tutorial sessions. Lecture videos will be posted on the Monday of each week. There is no text for this course and readings will be assigned as required.

**BIOL369 Sex and Evolution**

Lectures are recorded and posted weekly. The tutorials will be synchronous and scheduled based on student time zones and preferences. There will also be accompanying online activities.

**BIOL503 Plant Biotechnology**

BIOL503 being a business-oriented course, the pandemic is thus an opportunity to gain real world experience when many businesses and organizations turn to working remotely for the longer term. The plan is to carry out weekly meetings, workshops, and pitches using the Zoom platform (or the like) and online collaboration tools so that we become adept to this new work reality.

**BIOL504 Extremophiles**

The small group environment of this course allows us to be interactive and conduct all classes synchronously.

**BIOL537 Research in Biology and BIOL541 Research in Biotechnology**

For the thesis courses, BIOL537 and 541 (for BTEC), the plan is to conduct the course components remotely and, where applicable, with on-campus (in-person) research possible in the Winter term only. Some projects are considered entirely or partly remote and hence may not require in-person lab work. When applicable, thesis research work in the Winter Term is being planned to take place in the lab of your chosen faculty supervisor(s). Note that access to a lab(s) may be subjected to an approval process, physical space availability of the particular lab(s) and managed according to Queen’s-Public Health guidelines. The advice is to consider all aspects, including health-related issues, with your faculty supervisor(s) before starting.

**BIOL538-540 Research Mentorship in Biology**

The plan for the Mentorship courses, BIOL538-540, is to operate them similarly to BIOL537/541, when applicable. Plans for these courses are to be worked out in the same way as for BIOL537/541 with the supervising faculty.

**Are you considering non-academic support?**

Although we are working remotely, our student services are still available. Below are some of these resources that may be helpful:

- Mental health appointments are available remotely via Therapy Assistance Online (TAO) for students who need to speak to a counsellor.
- For general counselling inquiries, email counselling.services@queensu.ca
• Medical appointments are available remotely (phone and online) for some requests. For general health inquiries, email health.services@queensu.ca

• Health lifestyle appointments are available remotely for students who want help changing a health behaviour. For general inquiries, email healthed@queensu.ca

• “TAO” is Therapy Assistance Online. This is an interactive tool for Queen’s students. You can access it here: https://queensu.ca/studentwellness/TAO

• Empower Me is a 24/7 phone service for crisis situations and scheduled sessions that allows students to connect with qualified counsellors, consultants, and life coaches for a variety of issues. 1-844-741-6389 You can also log in to the Empower Me website and use "Studentcare" as the password or download additional Empower Me student assistance tools on the iAspiria mobile app. Enter "Studentcare" as the Login ID and select "Student" in the drop-down menu. Good2Talk for post-secondary mental health support - call 1-866-925-5454, available 24/7 or text GOOD2TALKON/ALLOJECOUTEON to 686868

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: http://www.queensu.ca/artsci.

Biological Foundations List - IMPORTANT!
The Biological Foundations List is BIOL 102, 103, 200 (201, 202), 205, 206, 212, 300, 330, 334, 339, 341 (BIOL 302, 303).

To be admitted to BIOL 400 and 500 level Biology courses you will need a minimum 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

BIOLOGY Undergraduate Office
Mon to Friday 8:30 to noon and 1:00 to 3:00pm
frenchj@queensu.ca