

Useful Information for PHAS and BPHS Majors

We Work For You

Professor Matt George is the Undergraduate Program Director of the Department of Physics and Astronomy. Feel free to talk to him at any time about anything affecting your studies. You can E-mail him at phasupd@yorku.ca or make an appointment through Janaki De Camillis, the Undergraduate Program Assistant in Petrie 128 or at phas@yorku.ca.

Biophysics majors should consult the Biophysics Program Director, Professor Ozzy Mermut (omermut@yorku.ca).

All students can also contact the Chair of the Department, Professor Patrick Hall (chphas@yorku.ca)

Help

First and foremost, TALK TO YOUR PROFESSORS AND TAs. They are happy to help you.

Consult the [Undergraduate Handbooks](#) for details about courses and other aspects of your major.

[Bethune College](#), the college for science majors, offers many resources to help you succeed at York, especially with first year courses.

If you have a concern with a professor, a TA, or any course (not just a PHYS course), let your Class Representative know, or contact Prof. George or Prof. Hall.

Student Clubs/Astronomy Journal Club

Several student clubs are affiliated with the Department: the Astronomy Club, the Biophysics Club, the Physics Society, and the Diversity in Physics Student Association. Meeting notices are sent out via e-mail to all PHAS and BPHS majors, and links to the club websites can be found here:

<https://www.yorku.ca/science/physics/undergraduate/clubs/>

You may also be interested in the Astronomy Journal Club, which meets weekly (timeslot TBA).

Current events in astronomy are discussed at a level accessible to any undergraduate major in our Dept. Everyone interested is welcome to attend; to be added to the mailing list, email chphas@yorku.ca.

Colloquia

Current research is presented by invited speakers on Tuesdays, typically from 2:30pm – 3:30pm. Presentations are meant to be delivered at a level tractable to third-year undergraduates. The colloquium schedule is available at <https://www.yorku.ca/science/physics/colloquia/>.

Research

To find out about the exciting research carried out by department professors, be sure to attend the **Two-Minute Prof Parade on Tuesday November 28, 2023, 2:30-4:00 PM** (location T.B.D.).

Students can apply for summer research positions from a variety of sponsors; see the [NSERC website](#) and <https://www.yorku.ca/science/physics/undergraduate/research-internships/>. York faculty seeking summer students will advertise projects in December to February.

There are also Leadership, Engagement and Ambassadorship Program (LEAP), Research At York (RAY), and Work-study positions that enable York students to engage with faculty in research. Current full-time international students are eligible, as are current part-time or full-time domestic students. See sfs.yorku.ca/work-study-programs for details.

Research can also be undertaken for credit by honours students via PHYS/BPHS 4310 3.0; for details, see the Handbook, then contact the Undergraduate Research Advisor Prof. Balint Radics (bradics@yorku.ca).

Internships

Following third year, PHAS and BPHS students have an opportunity to enter the Technology Internship Program (TIP), under which they can engage in a full-time, paid internship for 4, 8, 12, or 16 months starting in January, May, or September. Internships are acknowledged on transcripts. Eligible students must have an overall cumulative GPA of at least 5.0 and must have at least 9 credits remaining to graduate. Check out <https://www.yorku.ca/careers/internships/> for further information. If you are interested, please contact the Undergraduate Internship Advisor Prof. Balint Radics (bradics@yorku.ca).

Graduate Studies

If you are considering studies beyond a B.Sc., contact the Graduate Program Director, Professor Adam Muzzin (phasgpd@yorku.ca), or the Graduate Program Administrative Assistant, Cristal Carmela del Biondo at delbiond@yorku.ca. For more information, see <https://www.yorku.ca/science/physics/graduate/>.