



## QUICK-LIST of Requirements for the Ph.D. Program

See the Departmental Webpage for more details: <http://www.pharmtox.utoronto.ca>

### COURSE REQUIREMENTS

All Ph.D. students must complete the PCL1002Y course requirement in their first year of registration. With the exception of the ongoing (PCL1003Y) Seminars in Pharmacology course, ALL course and breadth module requirements must be completed within the first three (3) years of registration in the Ph.D. program.

1. **Graduate Pharmacology** (PCL1002Y).
2. **Seminars in Pharmacology** (PCL1003Y). See Seminars description below and/or the course description on the department website:  
<http://www.pharmtox.utoronto.ca/graduate-courses>
3. **Full Minor course.** A full (Y) graduate course equivalent - outside the student's research area - must be taken as a Minor Subject. (*Must be approved beforehand by the Graduate Coordinator*)
4. **Any additional course(s)** as recommended by the Ph.D. Supervisory Committee and/or other graduate course(s) if enrolled in a Collaborative Program.

### OTHER REQUIREMENTS

5. **Self-Directed Study:** All students, regardless of their academic background will be required to undertake self-directed study, culminating in the demonstration of proficiency in pharmacological principles during the course of their graduate program. Evaluations will take place throughout the Ph.D. program at a variety of stages (including during PCL1002Y) – see the “*Self-Study Guide*” in your Welcome Package.
6. **Seminars:** All Ph.D. students are required to fulfill seminar requirements:
  - *Seminars in Pharmacology Course (PCL1003Y):* This is the Departmental Seminar Series. PhD students are automatically registered in this course - and remain registered until completion of the program, at which time they are assigned a course credit.
  - *First-Year Seminar:* This Seminar, held in October/November, one year after initial registration in the Ph.D. Program, is required only of Ph.D. students who have been accepted into the program without initial Ph.D. screening. [Students admitted in January will present their First-Year Seminar in February of the year following commencement of their program.]
  - *Ph.D. Mid-point Seminar & Exit Seminars:* All PhD students must present Mid-point and Exit Seminars. At the Ph.D. mid-point seminars (held in May/June around the 3rd year of enrolment), students give a summary of work in progress or of particular projects or sets of experiments that have been completed. At the PhD Exit Seminar (usually given between 2 and 6 months prior to the



departmental thesis defense) students give an overview of all of the results of their research. See the PCL1003Y course description for more details.

7. Four (4) Breadth Modules/Tutorials - outside the student's research area – at least one of which should be a Laboratory Module. (*Must be approved beforehand by the Graduate Coordinator*)

A half course may be substituted for 1 of the 4 breadth modules, subject to the approval by the Graduate Coordinator.

### **PROGRAM MONITORING**

8. **Supervisory Committee Report:** A Supervisory Committee must be selected within 6 months of registration.  
After one year in the program, and as a requirement for re-registration in September annually, an official Supervisory Committee Report must be received by Graduate office. Descriptions of the Supervisory Committee and the required one-year report are given on the department website. When arranging your Supervisory committee meetings, you will need to request an up-to-date report form from the Graduate Office for reporting purposes.

### **THESIS DEFENSE**

9. *Senate Oral Examination:* All Ph.D. students are required to undergo a minimum of 24 months residency. Thesis write-up and defense should be completed within 4 months after active research has been completed. Financial support to the student will continue for this 4-month period at the level agreed upon by student and supervisor.

Arranging the senate oral examinations can take as long as 2 months. You should consult the "Program Completion" <http://www.pharmtox.utoronto.ca/graduate-program-completion-information> section of the website early for details on thesis write-up and arranging your defenses.