

Toxicology – Ph.D. – Sample Graduate Plan of Study

***Required course**

1st Year Fall Semester

- *HSCI 560 Toxicology (3cr)
- *STAT 503 Statistical Methods for Biology (3cr)
- *CHM 605 Safety in the Laboratory (0cr)
- *GRAD 612 Responsible Conduct Of Research (1cr), or similar course, recommended Fall or Spring 1st Yr
- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (8cr)

1st Year Spring Semester

- *HSCI 562 Analytical Toxicology and Path (3cr)
- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

Each Summer in program: Research PhD Thesis (10cr)

2nd Year Fall Semester

- *MCMP 625 Grant Writing (1cr)
- *HSCI 547 Fundamentals of Epidemiology (3cr)
- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

2nd Year Spring Semester

- *HSCI 575 Introduction to Environ. Health (3cr)
- *HSCI671 Biochemical Toxicology (2cr)
- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

August after 2nd year = written prelims

Before Feb of 3rd year = oral prelims

3rd Year Fall Semester

- SELECTIVE (2-3cr)
- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

3rd Year Spring Semester

- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

4th Year Fall Semester

- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

4th Year Spring Semester

- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)



5th Year Fall Semester

- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

5th Year Spring Semester

- *HSCI 696 Seminar in Health Sciences (1cr)
- *HSCI 699 Research PhD Thesis (10cr)

All students must register for CAND991/992/993 in their last semester.

Additional Semesters as Needed

Continue to register for HSCI 696 and 699 under advisement from Major Professor and Committee

SAMPLE SELECTIVE LIST (choices based on discussion with Major Professor and Committee)

- BCHM 561 General Biochemistry I (3cr)
- BIOL 602 Cellular Neurobiology (3cr) Fall
- BMS 524 Intro to Confocal (1cr) Spring
- BMS 525 Principles Of Neuroanatomy (3cr) Summer
- BMS 534 Mammalian Physiology (4cr) Fall
- BIOL 562 Neural Systems (3cr) Spring
- BIOL 695 Special Lectures in Neuroscience (2cr) Fall
- BIOL 515 Molecular Genetics (2cr) Spring
- BIOL 516 Molecular Biology Of Cancer (2cr) Spring
- HSCI 545 Adv Topics Exposure Assessment (2cr), Spring
- HSCI 570 Intro To Medical Diag Imaging (3cr), Spring
- ENTM 611 Toxicol of Insecticide (3cr) Fall, even numbered years
- MCMP 440 Pathophysiology (3cr) Spring
- BIOL 559 Endocrinology (3cr) Fall

#Students are required to enroll every semester; but this should only be listed on the plan of study twice.

NOTE: Many courses are not offered every semester. It is the student's responsibility to check on the availability of courses when planning their schedules.

A total of 90 residency hours is required for the Ph.D. degree. These residency hours may be any combination of course credit hours or research credit hours. Up to 30 hours may be credited for an M.S. degree upon recommendation of the Ph.D. graduate student's advisory committee and this may include all required coursework and the clinical internship if the equivalent has recently been taken. No more than 6 credit hours of coursework at the 300 or 400 level is allowed to form part of the student's Ph.D. degree plan of study.

Completion of the Ph.D. dissertation is a major requirement for this degree. A full-time student has a minimum of 8 credit hours each semester (6 in the summer); doctoral students are strongly encourage to take research credits in addition to any coursework to ensure enrollment in at least 12 credit hours per semester. In addition to the core course listed in the student's plan of study, the student's course load can be supplemented by electives and/or additional research credits.

Graduate courses taken while registered as a graduate student at Purdue University may be considered for fulfilling the plan of study requirements only if the student has received grades of C or better. For courses at the 300 or 400 level taken as a graduate student or courses that represent either undergraduate or graduate excess credit or transfer credit, grades of B or better are required for fulfilling plan of study requirements.

