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
*HSCI 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)
*HSCI 613   Professionalism
*HSCI 671   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

1. HSCI562 and HSCI 671 are taught every other year. Take one in Spring Semester of Y1 and one in Spring Semester of Year 2.

#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 encouraged 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.