Toxicology – M.S. Thesis–Based 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)
SELECTIVE (2-3 cr)
*GRAD 612 Responsible Conduct Of Research (1cr), or similar course, recommended Fall or Spring 1st Yr
*,#HSCI 696 Seminar in Health Sciences (1cr)
*HSCI 698 Research MS Thesis (6cr)

1st Year Spring Semester
*HSCI 562 Analytical Toxicology and Path (3cr)¹
SELECTIVE (2-3cr)
*HSCI 696 Seminar in Health Sciences (1cr)
*HSCI 698 Research MS Thesis (6cr)

1st Year Summer Semester
*HSCI 698 Research MS Thesis (8cr)

2nd Year Fall Semester
*HSCI 547 Fundamentals of Epidemiology (3cr)
SELECTIVE (2-3 cr)
*HSCI 696 Seminar in Health Sciences (1cr)
*HSCI 698 Research MS Thesis (6cr)

2nd Year Spring Semester
*HSCI 575 Introduction to Environ. Health (3cr)
*HSCI 613 Professionalism
*HSCI 671 Biochemical Toxicology (2cr)¹
*HSCI 696 Seminar in Health Sciences (1cr)
*HSCI 698 Research MS Thesis (8cr)

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

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 minimum of 30 credit hours, with at least 24 coursework credit hours is required. No more than 6 credit hours at the 300 or 400 level. The majority of students will need to take more than this minimum in order to complete the requirements for the degree. The student’s advisory committee may approve alternative coursework in a plan of study that will assist the student in their thesis research.

Completion of the M.S. thesis is a major requirement for this degree.

A full-time student has a minimum of 8 credit hours each semester (6 in the summer); however, it is recommended to enroll 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.