

Toxicology – M.S. Nonthesis 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)
- 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)

1st Year Spring Semester

- *HSCI 562 Analytical Toxicology and Path (3cr)
- SELECTIVE (2-3 cr)
- SELECTIVE (2-3 cr)
- *HSCI 696 Seminar in Health Sciences (1cr)

2nd Year Fall Semester

- *HSCI 547 Fundamentals of Epidemiology (3cr)
- SELECTIVE (2-3 cr)
- SELECTIVE (2-3 cr)
- *HSCI 696 Seminar in Health Sciences (1cr)

2nd Year Spring Semester

- *HSCI 575 Introduction to Environ. Health (3cr)
- *HSCI671 Biochemical Toxicology (2cr)
- SELECTIVE (2-3 cr)
- SELECTIVE (2-3 cr)
- *HSCI 696 Seminar in Health Sciences (1cr)

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

Summer Semester between Years 1&2: Given this program does not officially involve thesis research, students are strongly encouraged to obtain an internship relevant to their career goals over the summer.

Writing requirement: A critical written evaluation of a topic related to toxicology is required to receive the nonthesis M.S. The toxicant report in HSCI562 meets this requirement.

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 minimum of 36 coursework credit hours with no more than 6 credit hours at the 300 or 400 level is required for the M.S. degree by coursework.

A full-time student has a minimum of 8 credit hours each semester; 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.

