# Occupational and Environmental Health Science
## M.S. Thesis-Based
## Plan of Study

### FIRST YEAR
#### Fall Semester
- ______ (1)  HSCI 545 - Advanced Topics in Exposure Assessment
- ______ (3)  HSCI 560 - Toxicology
- ______ (3)  HSCI 580 - Occupational Ergonomics
- ______ (1)  HSCI 696 - Seminar in Health Sciences (initial student seminar)
- ______ (3)  STAT 503 - Statistical Methods for Biology

#### Spring Semester
- ______ (0)
- ______ (1)
- ______ (1)
- ______ (3)
- ______ (1)  CHM 605 - Safety in the Laboratory
- ______ (1)  GRAD 612 - Responsible Conduct in Research
- ______ (1)  HSCI 546 - Advanced Control Technology
- ______ (3)  HSCI 551 - Health Effects of Nonionizing Radiation
- ______ (1)  HSCI 696 - Seminar in Health Sciences (attending)

### SECOND YEAR
#### Fall Semester
- ______ (2)  HSCI 547 - Environmental Epidemiology
- ______ (1)  HSCI 696 - Seminar in Health Sciences (attending)
- ______ (7)  HSCI 698 - Research MS Thesis
- ______ (3)  IE 558 - Safety Engineering

#### Spring Semester
- ______ (3)  HSCI 552 - Introduction to Aerosol Science
- ______ (1)  HSCI 696 - Seminar in Health Sciences (attending)
- ______ (8)  HSCI 699 - Research MS Thesis

### Required of students without equivalent previous background:
- ______ (3)  HSCI 345 – Introduction to Occupational and Environmental Health Sciences (does not count towards plan of study)
- ______ (4)  HSCI 346 - Industrial Hygiene Engineering Control (does not count towards plan of study)
- ______ (3)  HSCI 348 - Industrial Hygiene Instrumentation Techniques (may be counted towards plan of study)

- STAT 511 (Statistical Methods) may be substituted for STAT 503
- CHM 605 (Safety in the Laboratory) is required only for students doing laboratory research
A minimum of 30 credit hours, with at least 24 coursework credit hours, and no more than 6 credit hours at the 300 or 400 level is required. However, depending on the student's previous background, as many as 34 credits of coursework may be needed to satisfy the core requirements. 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 12 credit hours each 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. In addition to the many course offerings in the School of Health Science and depending on the interests of the student, there are many more electives the student can chose throughout Purdue University.

**Notes:** 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.