This M.S. plan of study is only available to students who are completing their UNDERGRADUATE Occupational Health Science major at Purdue University.

REQUIRED COURSES

**Fall Semester**
- (1) HSCI 545 - Advanced Topics in Exposure Assessment
- (1) GRAD 612 - Responsible Conduct in Research
- (3) STAT 503 - Statistical Methods for Biology*
- (3) HSCI 547 – Fundamentals of Epidemiology
- (1) HSCI 696 - Seminar in Health Sciences
- (3) Selective Course
- (3) Elective Course

*STAT 511 may be substituted for STAT 503.

**Spring Semester**
- (1) HSCI 546 - Advanced Control Technology
- (3) HSCI 575 – Introduction to Environmental Health
- (3) IE 558 – Safety Engineering
- (3) HSCI 590 – Project
- (1) HSCI 696 - Seminar in Health Sciences
- (3) Selective Course

**Summer**
- (3) HSCI 590 – Project
- (1) HSCI 594 – Project presentation

SELECTIVE COURSES
- (3) HSCI 312 - Radiation Science Fundamentals
- (1) HSCI 514- Radiation Instrumentation Lab
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____(3)  HSCI 534- Applied Health Physics
____(2)  HSCI 671– Biochemical Toxicology
____(1)  HSCI 562- Analytical Toxicology and Pathology (Lecture/Lab)
____(3)  HSCI 551 - Health Effects of Non-Ionizing Radiation
____(3)  HK 676– Theoretical Foundations of Health Behavior
____(3)  IE 577– Human Factors in Engineering
____(3)  STAT 512– Applied Regression Analysis
____(3)  STAT 514– Experimental Design
____(3)  COM 576– Health Communication

A minimum of 30 credit hours and no more than 6 credit hours at the 300 or 400 level is required. 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. project is a major requirement for this degree. Completion of the M.S. project is a major requirement for this degree. The M.S. project is designed to give the student practical experience in applying Occupational and Environmental Health concepts to real-world problems. The project is performed under the supervision of a faculty member of the School of Health Sciences or under co-supervision with a faculty member and another instructor approved by the student's advisory committee. The content of the project must be reviewed and approved by the student's advisory committee. A major report on the results of the project is required and must be approved by the student's advisory committee.

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.