

**Occupational and Environmental Health Sciences Combined Degree Plan of Study****Undergraduate: 12 CR transfer to graduate degree**

- \_\_\_ (3) FSp HSCI 34500 Introduction to Occupational and Environmental Health Sciences
- \_\_\_ (2) Sp HSCI 54400 Advanced Topics in Exposure Assessment
- \_\_\_ (4) Sp HSCI 54600 Advanced Industrial Hygiene Control Technology
- \_\_\_ (3) F HSCI 54700 Fundamentals of Epidemiology
- \_\_\_ (3) Sp HSCI 54800 Advanced Industrial Hygiene Instrumentation Techniques
- \_\_\_ (3) Sp HSCI 55300 Advanced Occupational Safety and Management Culture
- \_\_\_ (3) F HSCI 56000 Toxicology
- \_\_\_ (2) F HSCI 58000 Occupational Biomechanics and Ergonomics
- \_\_\_ (1) F HSCI 58001 Occupational Biomechanics and Ergonomics Laboratory

**Graduate Required: 23 CR\***

- \_\_\_ (0) F CHM 60500 Safety in the Laboratory\*\*
- \_\_\_ (3) Sp HSCI 52000 Environmental Risk Assessment
- \_\_\_ (3) Sp HSCI 55100 Physical Agents in Environmental Health
- \_\_\_ (3) F HSCI 55200 Introduction to Aerosol Science
- \_\_\_ (3) Sp HSCI 57500 Introduction to Environmental Health
- \_\_\_ (6) FSpSu HSCI 59000 M.S. Project\*\*\*
- \_\_\_ (1) Sp HSCI 61300 Professionalism and Professional Development in Health Sciences AND CITI Responsible Conduct of Research (RCR) training  
OR GRAD 61200 Responsible Conduct Of Research (F, Sp)
- \_\_\_ (1) F,Sp HSCI 69600 Graduate Seminar\*\*\*\*
- \_\_\_ (3) \_\_\_\_\_ Statistics Selective – *select from list*

**Supplemental Coursework (0-4 Credits)**

**If any of these classes were previously taken at the 300- or 400-level, you will need to take an additional credit at the 500-level (i.e., if you took HSCI 34600, you will need to take 1 CR of HSCI 54600).**

- \_\_\_ (1) Sp HSCI 54400 Advanced Topics in Exposure Assessment
- \_\_\_ (1) Sp HSCI 54600 Advanced Industrial Hygiene Control Technology
- \_\_\_ (1) F HSCI 55300 Advanced Occupational Safety and Management Culture
- \_\_\_ (1) Sp HSCI 54800 Advanced Industrial Hygiene Instrumentation Techniques

**Electives (0 Credits)**

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F=Fall, Sp=Spring, Su=Summer

\*An alternative plan of study is available for students interested in pursuing a MS with a thesis as a combined degree.

\*\*CHM 60500 is required if doing work in a laboratory

\*\*\* It is encouraged that students take 3 credits in HSCI 590 in two different semesters (i.e., that they work on the project over a full academic year. More than 6 credits can be taken in as HSCI 590 upon agreement by the student and their committee.

\*\*\*\*All students are required to take HSCI 69600 for credit once and for 0 credit all remaining fall and spring semesters.

**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.

M.S. Project: 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 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.

In addition to the many course offerings in the School of Health Science and depending on the interests of the student, the student can choose many more electives throughout Purdue University.

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.

**Statistics Selectives**

- \_\_\_ (3) Sp HSCI 52500 Statistics for Health Sciences
- \_\_\_ (3) F,Sp,Su STAT 50300 Statistical Methods in Biology
- \_\_\_ (3) F,Sp,Su STAT 51100 Statistical Methods

**Suggested Electives**

- \_\_\_ (1) FSpSu HSCI 59000 Emerging Contaminants
- \_\_\_ (1) F HSCI 62500 Grant Writing for Health Sciences