

| Occupational Safety and Ergonomics PHD | | Version | 4/16/2026 |
|-----------------------------------------------------------------------------------|----------------------|----------------------|---------------------|
| 1st Year Fall Semester | | Course Number | Credit Hours |
| Environmental Health Seminar | ENV-7001 | 1 | |
| Practice in Occupational Exposure Assessment I | EIH-7041C | 2 | |
| Identification of Potential Workplace Exposures | EIH-9004 | 3 | |
| Introduction to Epidemiology | BE-7076 | 3 | |
| Introduction to Biostatistics | BDS-7022 | 3 | |
| Principles of Occupational Exposure Assessment | EIH-7007 | 2 | |
| Survey of Physiology | EIH-7084 | 1 | |
| Professional Development in Occupational Hygiene I | EIH-8081 | 1 | |
| Principles of Ergonomics | OSE-7092C | 2 | |
| | Total Credits | 18 | |
| 1st Year Spring Semester | | Course Number | Credit Hours |
| Environmental Health Seminar | ENV-7001 | 1 | |
| Practice of Occupational Exposure Assessment II | EIH-7042 | 2 | |
| Occupational Health, Hygiene and Safety Workshop I | EIH-8019 | 2 | |
| Physical Aspects of the Environment | EIH-7090C | 2 | |
| Professional Development in Occupational Hygiene II | EIH-8082 | 1 | |
| Evaluation of Workplace Exposures | EIH-7075 | 2 | |
| Ethics in Research | GNTD-7003 | 1 | |
| Introduction to Measurement Techniques in Ergonomics | OSE-7048 | 2 | |
| Electives | | | |
| | Total Credits | 11 | |
| 2nd Year Fall Semester | | Course Number | Credit Hours |
| Environmental Health Seminar | ENV-7001 | 1 | |
| Biomechanical and Physiological Aspects of Muscular Activity | OSE-7044 | 2 | |
| Occupational Health, Hygiene and Safety Workshop II | EIH-8020 | 2 | |
| Occupational Safety Engineering | MECH-6050 | 3 | |
| Hazardous Materials Management | EIH-8034 | 2 | |
| Teaching Practicum in Environmental Health (need 2 credit hours total) | EIH-7025 | 1 | |
| Professional Development in Occupational Hygiene I | EIH-8081 | 1 | |
| Experimental Design (must take this or BE-9075 in Spring) | BE-7089 | | |
| Research | ENV-8091 | | |
| Electives | | | |
| | Total Credits | 12 | |
| 2nd Year Spring Semester | | Course Number | Credit Hours |
| Environmental Health Seminar | ENV-7001 | 1 | |
| Professional Development in Occupational Hygiene II | EIH-8082 | 1 | |
| System Safety Engineering | MECH-6052 | 3 | |
| Teaching Practicum in Environmental Health (need 2 credit hours total) | EIH-7025 | 1 | |
| Preparing, Writing, and Reviewing Grants (must take this or BE-7089 in Fall) | BE-9075 | 3 | |
| Dissertation Thesis Research (Minimum 1 required and must have passed qualifiers) | ENV-7091 | | |
| Electives | | | |
| | Total Credits | 9 | |

Electives (can be taken any time, however you can't enroll more than 18 credit hours per semester).

Minimum of 3 credit hours from E, BDS, PH, EIH, TOX, OSE, OCCM, or ENV
 Minimum of 3 credit hours from ANCH, BME, ENVE, GNTD, HPE, or MECH
 Minimum of 3 credit hours from BDS, STAT, or BANA.
 Up to 15 credit hours of doctoral research can be taken.

DEPHS electives
 Related electives
 Data electives

Students are encouraged to attend Departmental Seminars even if they do not register for ENV7001.

Students are required to participate in the teaching practicum for the entire 2nd year, however, only 1 credit of EIH7025 is needed.