Core Courses for the CARERC Industrial Hygiene Program.

Course Title (number)	Semester Hours	Course Description
CPH 620- Occupational and Environmental Health II	3	This course covers theory and practice of assessing, controlling, and preventing environmental and occupational hazards that may adversely affect the health of present and future generations.
CPH 716- ProSeminar Occupational Health and Safety	0-1	This course provides students, in a weekly seminar format, presentations from occupational health and safety professionals from a variety of disciplines and experiences. Knowledge regarding workplace exposures and related health outcomes is presented. Students should acquire an basic understanding of current topics in the fields of occupational medicine, nursing, safety, industrial hygiene, epidemiology, biostatistics, mining, and agriculture.
BAE - 678 - Field Studies of Occupational Health and Safety Hazards	3	The course covers a wide cross-section of occupational health and safety exposures, hazards, and control measures. Students engage in on-site activities recognizing and evaluating hazards and developing control measures to reduce occupational health and safety risks. Students will visit approximately eight different worksites in the Central Appalachian Region.

The core courses for the EOHS track trainees are given in the following table.

Core Courses Required for the EOHS track

Course Title (number)	Semester Hours	Course Description
Total Worker Health (EHS 840)	3	A study of the impact of the work place on-worker's health and the control of causative factors of disease.
Occupational Health Exposure Assessment (EHS 841)	3	Identify primary sources of potential chemical, physical and biological agents, identify techniques for assessing the risk of worker exposures and understand the health impacts of occupational exposures to workers.
Air Quality Assessment (EHS 860)	3	A study of the health impacts of air pollution from both outdoor and indoor sources. The course will also provide information about methods of reduction, control, and elimination of air pollution.
Environmental Toxicology (EHS 865)	3	Toxicology, the principles, concepts, and thinking that are its foundation. The mechanisms by which the substances enter the cells of the body, the physiological processes, the target organs, classes of toxic substances, and potential exposures.
Applied Learning in Environmental Health (EHS 839) -or- Field Experience in Environmental Health (EHS 863)	3	Cross listed with EHS 863. Supervised and directed field experience at official agencies at any level of government (local, state or national) or with private industry. The EHS field practice course administrator must approve all field-training sites before selection or assignment. Credit will not be awarded to students who have credit for EHS 863. Cross listed with EHS 839. Supervised and directed field experience at official agencies at any level of government (state, local or national) or with private industry. The course administrator must approve all field-training sites before selection or assignment. Credit will not be awarded to students who have credit for EHS 839.
Graduate Project in Environmental Health (EHS 890)	3	Research into a special topic in Environmental Health. The student must have the approval of course faculty.