

The University of Oklahoma  
College of Public Health  
Department of Occupational and Environmental Health



*Doctor of Philosophy*  
*Occupational and Environmental Health*

Minimum course hours excluding research tools must equal at least 90 hours above the bachelor's degree)

**I. Core Competencies (20 hours):**

OEH 6103 Research Methods in Occupational and Environmental Health  
OEH 6793 Aerosol Science  
OEH 6990 Quantitative Risk Assessment Techniques  
OEH 6990 Modeling Technology in OEH  
BSE 6192 Grant Writing Skills in Epidemiology  
BSE 5013 Applications of Microcomputers to Data Analysis (SAS)  
BSE 5173 Biostatistics Methods II

**II. Selective BSE electives (courses not from this list require Advisory Committee approval) (9 hours):**

**Biostatistics**

BSE 5643 Regression Analysis  
BSE 5663 Analysis of Frequency Data  
BSE 5653 Non-Parametric Methods

**Epidemiology**

BSE 5193 Intermediate Epidemiologic Methods  
BSE 5990 GIS in Health  
BSE 5363 Epidemiology & Prevention of Chronic Diseases

**III. No-credit requirements:**

HAP 7913 Professional Communication or OEH 5972 Technical Reporting and Professional Ethics (if one of these or an equivalent course was not taken at the master's level)  
BSE 5111 Scientific Integrity in Research, BMSC 5001 Integrity in Scientific Research, or OU Norman Graduate College "Professional Ethics Training – Responsible Conduct of Research" workshop (<https://www.ou.edu/content/gradweb/events/pet.html>) (if one of these or an equivalent course was not taken at the master's level)

**IV. Electives (variable, as deemed necessary by the Advisory Committee)**

**V. Dissertation (minimum of 20 hours but no more than 25 to be applied to the degree)**

*This degree program is subject to the policies and procedures printed in the University of Oklahoma College of Public Health Bulletin.*  
10/16/2014