

**Assessment of Competencies for PhD Environmental Health Sciences**

Competency	Course number(s) and name(s)
1. To exhibit a <u>comprehensive knowledge</u> of the principles of environmental health sciences.	EHS 653: Applied Exposure Assessment
2. To develop new, innovative, applied or theoretical knowledge through research of environmental health-related issues.	EHS 584: Fundamentals of Industrial and Environmental Health EHS 653: Applied Exposure Assessment
3. To develop expertise in an environmental health science subspecialty.	EHS 518: Introduction to Human Health Risk Assessment EHS 653: Applied Exposure Assessment EHS 502: Environmental Monitoring and Analysis
4. To comprehensively review and evaluate the environmental health scientific data, and gather and/or analyze preliminary data to develop testable hypotheses, study design(s) and research assessment protocol(s).	EHS 653: Applied Exposure Assessment
5. To select and utilize appropriate tools of Environmental Health Sciences (may include exposure science, risk assessment modeling, risk management, risk communication and others depending on the project).	EHS 584: Fundamentals of Industrial and Environmental Health EHS 502: Environmental Monitoring and Analysis EHS 518: Introduction to Human Health Risk Assessment