

## **Programmatic Competencies for the MS in Industrial Hygiene**

Graduates of the Master of Science in Industrial Hygiene program should be able to:

- Apply knowledge of mathematics, science, and applied sciences;
- Design and conduct experiments and analyze and interpret experimental data;
- Formulate and design a system, process, or program to meet identified needs;
- Function on multi-disciplinary teams;
- Identify and solve applied science problems;
- Understand professional and ethical responsibility;
- Communicate effectively in the field with people at all levels of an organization;
- Communicate effectively with professional peers;
- Understand the impact of solutions in a global and social context;
- Recognize the need for and ability to engage in life-long learning;
- Demonstrate a knowledge of contemporary professional issues;