

GRADUATE CERTIFICATE IN ONE HEALTH

The Graduate Certificate in One Health increases the competence and ability of graduate students and professionals as they work in interdisciplinary teams to solve complex problems at the intersection of human, animal, and environmental health.

Learning Objectives

One Health emphasizes the integration between human, animal, and environmental health. The framework requires understanding across multiple disciplines working together at local, regional, national and global levels, and an ability to work in transdisciplinary teams.

Upon successful completion, students will be able to:

1. Describe genetic, biomedical, physiological, social, environmental, political, and economic factors that contribute to health and disease issues that can be solved using a One Health approach.
2. Develop an understanding of the multidisciplinary nature of the One Health framework.
3. Implement a systems thinking based approach to complex health problems that include human, animal, and environmental health.
4. Communicate with stakeholders and communities on the direct and indirect human, animal, and environmental impacts of hazards that are inherently One Health issues.
5. Identify and create collaborative relationships and research networks implementing the One Health approach in communities.
6. Recognize the roles of different members of a One Health team working at the human-animal-environment interface, and present how to assemble and manage such transdisciplinary team interactions.