ONE HEALTH, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

One Health is an integrated approach that recognizes the interconnectedness of human, animal, and environmental health. It emphasizes that the health of each of these domains affects the others, and addressing issues in one area can lead to better outcomes for all. This holistic perspective is essential for tackling global health challenges like pandemics, zoonotic diseases, and environmental degradation.

The minor in One Health will consist of three core courses (9 credits), three colloquiums (3 credits), one Capstone Experience (3 credits), and three (3) credits from an interdisciplinary additional course. This minor is open to all majors across One Health Disciplines and anyone with a One Health Interest. The One Health Approach encourages the engagement of multiple disciplines to address shared problems spanning human, animal, and ecosystem health.

While completing of core coursework, students take courses enhancing their knowledge in occupation health, environmental health, sustainability, climate change, zoonotic diseases, pre- and post-harvest food safety and international food security, human and animal disease reporting, therapy animal use and animal welfare, epidemiologic investigations, infection control, emergency preparedness, criminology and terrorism, and global health. Ethics and philosophy, biorenewable resources, and environmental and resource economics are also included. Some background in the natural sciences is recommended and introductory biology and 200-level statistics are required prerequisites.

Minor students will participate in three one semester 1-credit VBSC 341: Wicked Problems in One Health colloquiums throughout the minor to promote interdisciplinary collaboration and review current One Health topics. These classes will be shared with students in the One Health Undergraduate Certificate Programs to allow for interdisciplinary collaboration. The experiential learning Capstone requires coordinator approval and culminates in poster presentations and collaborative interaction with faculty and peers.

Substitution of elective courses must be pre-determined by the minor coordinator and Capstone Projects must have coordinator approval.

What is One Health?

One Health is a multidisciplinary approach integrating human medicine, veterinary medicine, and environmental science to optimize the health of people, animals, plants, and ecosystems. Its holistic methodology recognizes that these three areas of study are intimately intertwined. One Health training allows students to think dynamically and globally about how health is affected, diseases are transmitted, and environment plays a role in disease.

You Might Like this Program If...

- You are dedicated to improving the lives of humans and animals
- You are interested in the interdependencies that shape our health and the environment
- You find passion promoting health on a local, national, or global scale
- You value interdisciplinary thinking in solving the world's big problems