



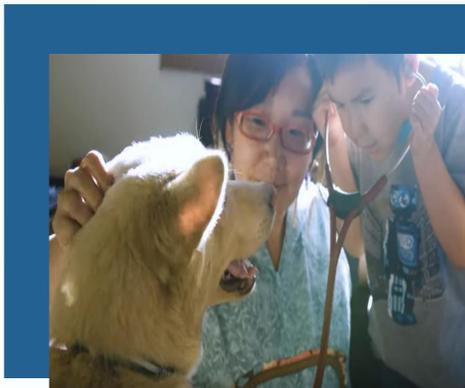
# The UAF One Health Master's Degree: Operationalizing One Health in the Circumpolar North



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## Description

The One Health Master's Degree at UAF is the only degree of its kind in Alaska and the Circumpolar North. Combining training and hands-on practice, the program is an integration of science, culture, history, communication and more. Students will explore how the health of people is connected to the health of animals and the environment — and how to work together to develop effective public health management plans that will benefit communities.



## Mission

The One Health Master's Degree (OHM) educates students to use a constructionist approach to address issues in the Circumpolar North that are at the intersection of human, animal, and environmental health. Graduates of the program will be able to engage key stakeholders to develop and implement realistic management plans that can be implemented in communities across the Circumpolar North.

## Vision

Within the next 10 years, individuals who have a comprehensive understanding of One Health and an ability to utilize a community-centered, constructionist approach to problem-solving are likely to emerge as leaders in solving a wide array of problems in the Circumpolar North. UAF's One Health Master's will be recognized as a leader in educating these individuals. We anticipate that this degree will attract students who are already engaged or interested in working in their communities to address One Health issues. This degree is also for students seeking entrance to medical, veterinary, and other health care professional schools. Therefore, we propose two concentrations in the One Health Master's: a Community Advocacy Concentration and a Biomedical Concentration.

## Concentrations

### Biomedical Concentration (11-12 credits)

Designed for students who want to enter professional health care programs (veterinary, medical, behavioral health) and want to deepen their understanding of One Health and incorporate the paradigm and problem-solving skills into their future medical careers. For those seeking admittance into a health educational program, this degree provides an opportunity to strengthen their application by demonstrating proficiency in graduate level biomedical courses.

### Community Advocacy Concentration (11-12credits)

Developed for students who are already engaged or interested in working with communities to help them better understand and address One Health issues. Students will learn how to interview community members regarding their concerns with One Health issues, gather information across disciplines and cultures, and translate that information to a format that is readily understood by community members.

Students in both concentrations will work together starting at the community level and build outward to develop management solutions that address pressing One Health issues.



## Coursework

The 19-Credit Core provides training in: Communication, Epidemiology, Conflict Resolution, Cultural awareness, and Data Gathering Skills

### Capstone Sequence of Courses:

- DVM F615 One Health Concepts
- DVM F620 Operationalizing One Health
- DVM F621 One Health Colloquium

## Post-Graduation Opportunities

- Health Care Organizations
- Government Agencies (Village/ Town/ City/ State/ Regional/ National/ International)
- Community Advocate
- Tribal Organizations
- State and Federal Agencies
- Non-Governmental Organizations (NGOs)
- Environmental Health Specialist

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<https://uaf.edu/onehealth/education/master.php>