O.H.M., ONE HEALTH

Admission Requirements

One Health is an inherently interdisciplinary field, and there is no preferred background to succeed in the program. UAF welcomes applications from individuals who have backgrounds in natural or social science, health care, education, and a broad array of work and life experiences. Because the One Health Master’s focuses on challenges in the circumpolar North, the degree will be of particular interest to individuals throughout that area; however, the concepts, tools and techniques that will be learned and practiced within the program can be applied to One Health challenges in any location.

Applications will close on June 1 each year and newly admitted students will enter the program in the fall semester. The OHM review committee will make final decisions on admissions. The OHM review committee will consist of representatives from both the social and natural sciences.

In addition to meeting the admission requirements for the master’s degree at UAF, students should also meet the following criteria when applying for admission to the One Health Master’s.

1. Applicants must have earned a baccalaureate degree from a regionally accredited University in the United States or a foreign equivalent.
2. Applicants must have a cumulative undergraduate GPA of 3.25 or higher (on a 4.0 scale).
3. Applicants must submit a letter of interest explaining their understanding of One Health and how they envision incorporating the One Health Master’s education in their future careers.
4. Applicants must submit names and contact information for three individuals who can address their preparedness for the One Health Master’s.
5. Applicants must submit a current resume or curriculum vitae.

Additional requirements for the community advocate concentration:
Undergraduate transcripts must include a minimum of 8 credits of natural science with labs, at least one of which must be general biology (BIOL F116X or equivalent), and one semester of basic statistics (STAT F200X or equivalent).

Additional requirements for the biomedical sciences concentration:
Undergraduate transcripts must include a minimum of 8 credits of biological sciences with labs (BIOL F115X and BIOL F116X or equivalent), 8 credits of general chemistry with labs (CHEM F105X and CHEM F106X or equivalent), and a semester-long course in basic statistics (STAT F200X or equivalent).

If you have any concerns about your preparedness or qualification for admission to this degree, please contact the degree program prior to application.

Program Requirements

Minimum Requirements for One Health Master’s Degree: 30 credits

CONCENTRATIONS: BIOMEDICAL (P. 1), COMMUNITY ADVocate (P. 1)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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General University Requirements
Complete the general university requirements.
(http://catalog.uaf.edu/graduate/mastersdegrees/#generaluniversityrequirementstext)

Complete the Master’s Degree Requirements
Complete the master’s degree requirements.
(http://catalog.uaf.edu/graduate/mastersdegrees/#onehealthmasterstext)

One Health Program Requirements

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Complete one from the following: 3

- COJO F441 Persuasion
- COJO F451 Cross-cultural Conflict Analysis and Intervention
- COJO F680 Communication and Diversity in the Professional World

Complete one of the following concentrations: 11-12

- Community Advocate Concentration
- Biomedical Concentration

CONCENTRATIONS

Biomedical

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Complete 11-12 credits from the following: 1

- BIOL F455 Environmental Toxicology
- BIOL F617 Neurobiology
- BIOL F635 Introduction to Biology of Cancer
- DVM F606 Immunology
- DVM F637/BIOL F632 Veterinary Bacteriology and Mycology
- DVM/BIOL F640 Veterinary Pathology/Biology of Disease I
- DVM F639 Veterinary Virology
- ECON F434 Environmental Economics

1 Other courses may be substituted with approval of OHM faculty.

Community Advocate

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Complete 12 credits from the following: 1

- ACNS F610 Northern Indigenous Peoples and Contemporary Issues
- ACNS F652 International Relations of the North
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<tr>
<td>ACNS F655</td>
<td>Political Economy of the Global Environment</td>
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<tr>
<td>ACNS/HIST F683</td>
<td>20th-century Circumpolar History</td>
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<tr>
<td>ECON F434</td>
<td>Environmental Economics</td>
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<td>RD F465</td>
<td>Community Healing and Wellness</td>
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<tr>
<td>RD F601</td>
<td>Political Economy of the Circumpolar North</td>
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Other courses may be substituted with approval of OHM faculty.