**ONE HEALTH**

The Collaborative Specialization in One Health prepares future leaders for the complex challenges at the confluence of human, animal, and environmental health, working across disciplinary boundaries, conducting multidisciplinary research, mobilizing knowledge, and informing policy. Doctoral and Master's (thesis or course work and MRP) students wishing to undertake graduate studies with emphasis on One Health will be admitted by a participating department and will register in both the participating department and in the collaborative specialization.

The participating academic programs are Animal Biosciences (MSc, PhD), Biomedical Sciences (MSc, PhD), Computational Sciences (PhD), Computer Science (MSc), Engineering (MEng, MSc, PhD), Environmental Sciences (MES, MSc, PhD), Food Science (MSc, PhD), Geography (MA, MSc, PhD), History (MA, PhD), Human Health and Nutritional Sciences (MSc, PhD), Integrative Biology (MSc, PhD), Molecular and Cellular Biology (MSc, PhD), Pathobiology (MSc, PhD), Political Science (MA, PhD), Population Medicine (MSc, PhD), Philosophy (MA, PhD), Public Issues Anthropology (MA), and Rural Development and Planning (MSc).

**Administrative Staff**

**Graduate Program Coordinator**
Katie Clow (2531 Stewart Building, Ext. 53944)
kclow@uoguelph.ca

**Graduate Program Assistant**
TBD

**Graduate Faculty**

*This list may include Regular Graduate Faculty, Associated Graduate Faculty and/or Graduate Faculty from other universities.*

- **Tara H. Abraham**
  B.Sc. McMaster, MA, PhD Toronto - Associate Professor
  Graduate Faculty

- **Madhur Anand**
  B.Sc., PhD Western Ontario - Professor
  Graduate Faculty

- **Theresa M. Bernardo**
  Assoc. of Music, DVM Guelph, M.Sc. Prince Edward Island - Contractually Limited Faculty, Population Medicine, University of Guelph
  Associated Graduate Faculty

- **Ryan C. Briggs**
  BSS Ottawa, PhD American - Associate Professor
  Graduate Faculty

- **David A. Calvert**
  BA, M.Sc. Guelph, PhD Waterloo - Associate Professor
  Graduate Faculty

- **Catherine Carstairs**
  AB Harvard, Dip Ed McGill, MA, PhD Toronto - Professor
  Graduate Faculty

- **Katie M. Clow**
  B.Sc., DVM, PhD Guelph - Assistant Professor
  Graduate Faculty

- **Maria Corradini**
  B.Tech. Argentina, M.Sc., PhD MIT - Associate Professor
  Graduate Faculty

- **Rozita Dara**
  B.Sc. Shahid Teheshti, M.Sc. Guelph, PhD Waterloo - Associate Professor
  Graduate Faculty

- **Lisa Duizer**
  B.Sc., M.Sc. Guelph, PhD Massey - Associate Professor
  Graduate Faculty

- **Kari Dunfield**
  B.Sc. Calgary, M.Sc., PhD Saskatchewan - Professor
  Graduate Faculty

- **Elisabeth Finnis**
  BA McMaster, MA Western, PhD McMaster - Associate Professor
  Graduate Faculty

- **Robert M. Friendship**
  DVM, M.Sc. Guelph, Dip ABVP - Professor
  Graduate Faculty

- **Karine Gagné**
  BA Concordia, M.Sc., PhD Montreal - Assistant Professor
  Graduate Faculty

- **Dan Gillis**
  B.Sc., M.Sc., PhD Guelph - Associate Professor
  Graduate Faculty

- **H. Douglas Goff**
  B.Sc. (Agr) Guelph, MS, PhD Cornell - Professor
  Graduate Faculty

- **Maya Goldenberg**
  BA Toronto, MA McGill, PhD Michigan State - Associate Professor
  Graduate Faculty

- **Lawrence Goodridge**
  B.Sc., M.Sc., PhD Guelph - Professor
  Graduate Faculty

- **Amy L. Greer**
  B.Sc., Mount Allison, M.Sc., Trent, PhD Arizona State - Associate Professor
  Graduate Faculty

- **T. Ryan Gregory**
  B.Sc. McMaster, PhD Guelph - Professor
  Graduate Faculty

- **Andrew Hamilton-Wright**
  B.Sc., M.Sc. Guelph, PhD Waterloo - Associate Professor
  Graduate Faculty

- **Carmen Ho**
  BA Western, M.Sc. London, PhD Toronto - Assistant Professor
  Graduate Faculty

- **Claire Jardine**
  B.Sc. Guelph, M.Sc. British Columbia, DVM, PhD Saskatchewan - Associate Professor
  Graduate Faculty

- **Candace Johnson**
BA Toronto, MA, PhD Dalhousie - Professor
Graduate Faculty

Craig A. Johnson
BA Queen's, MA Toronto, PhD School of Economics London - Professor
Graduate Faculty

Iris Joye
M.Sc. Leuven, PhD Leuven/Ghent (Belgium) - Associate Professor
Graduate Faculty

Niel A. Karrow
B.Sc. Guelph, M.Sc., PhD Waterloo - Professor
Graduate Faculty

Satsuki Kawano
BA Keio, MA Minnesota, PhD Pittsburgh - Professor
Graduate Faculty

David F. Kelton
DVM, M.Sc., PhD Guelph, Dip ABVP - Professor
Graduate Faculty

Edward Koning
BA, MA Leiden, PhD Queen's - Associate Professor
Graduate Faculty

Gisele LaPointe
B.Sc.,PEI, M.Sc., PhD Quebec - Professor
Graduate Faculty

Leah Levac
BA Acadia, MA, PhD New Brunswick - Associate Professor
Graduate Faculty

Loong-Tak Lim
B.Sc. Acadia, PhD Guelph - Professor
Graduate Faculty

Phil Loring
BA Florida, MA, PhD Alaska - Associate Professor
Graduate Faculty

Brittany Luby
BA Queen’s, MA, PhD York - Assistant Professor
Graduate Faculty

Stuart G. McCook
BA Toronto, MS Rensselaer PI, MA, PhD Princeton - Professor
Graduate Faculty

Scott A. McEwen
DVM, D.V.Sc. Guelph, Dip. ACVP - Professor
Graduate Faculty

Thomas (Tad) McIlwraith
BA Toronto, MA British Columbia, PhD New Mexico - Associate Professor
Graduate Faculty

Faisal Moola
B.Sc. Toronto, M.Sc. Lakehead, PhD Dalhousie - Associate Professor
Graduate Faculty

Kate Parizeau
B.A.Sc. McMaster, M.Sc., PhD Toronto - Associate Professor

Graduate Faculty

Jane Parmley
DVM Saskatchewan, PhD Guelph - Associate Professor
Graduate Faculty

David L. Pearl
B.Sc. McGill, M.Sc. York, DVM, PhD Guelph - Associate Professor
Graduate Faculty

John Z. Srbely
B.Sc. Laurentian, DC Canadian Memorial Chiropractic College, PhD
Guelph - Associate Professor
Graduate Faculty

Travis Steffens
B.Sc., MA Calgary, PhD Toronto - Assistant Professor
Graduate Faculty

Deborah Stienstra
BA Alberta, MA, PhD York - Professor
Graduate Faculty

Eran Ukwatta
B.Sc. Moratuwa, MES, PhD Western, P.Eng - Assistant Professor
Graduate Faculty

Laura Van Eerd
M.Sc., PhD Guelph - Professor
Graduate Faculty

Keith Warriner
B.Sc. Nottingham, PhD Aberystwyth - Professor
Graduate Faculty

Jeffrey Wichtel
B.V.Sc., PhD Massey - Professor and Dean, Ontario Veterinary College
Graduate Faculty

Geoffrey A. Wood
DVM Guelph, PhD Toronto, D.V.Sc. Guelph - Associate Professor
Graduate Faculty

Masters Collaborative Specialization
Admission Requirements

Masters students in the Collaborative Specialization in One Health must meet the admission requirements of the participating department in which they are enrolled. The application process has two stages. First, prospective students will apply to their primary program of interest, identifying interest in the collaborative specialization as a focus. If the student is admitted to the primary program, the second stage is then admission to the collaborative specialization. Applicants will be required to submit a letter of interest (maximum 500 words) briefly outlining their interest in One Health and explaining how their area of research will align with One Health and intersect with all three pillars (animals, humans, and the environment).

All applications to participate in the Collaborative Specialization in One Health will be reviewed by the specialization’s Graduate Program Coordinator and a committee of 3-5 faculty from different colleges.
Program Requirements

Masters students in the Collaborative Specialization in One Health must complete:

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<th>Credits</th>
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<tr>
<td>ONEH*6000</td>
<td>One Health Approaches to Research</td>
<td>0.50</td>
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<tr>
<td>ONEH*6100</td>
<td>Master's Seminar in One Health</td>
<td>0.50</td>
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An acceptable MRP or thesis that applies a One Health approach.

For thesis-based master’s students, at least one member of the student’s advisory committee must be a core graduate faculty member of the Collaborative Specialization in One Health. Requirements of this collaborative specialization may also serve as elective requirements in the student’s home program.

Doctoral Collaborative Specialization

Admission Requirements

Doctoral students in the Collaborative Specialization in One Health must meet the admission requirements of the participating department in which they are enrolled. The application process has two stages. First, prospective students will apply to their primary program of interest, identifying interest in the collaborative specialization as a focus. If the student is admitted to the primary program, the second stage is then admission to the collaborative specialization. Applicants will be required to submit a letter of interest (maximum 500 words) briefly outlining their interest in One Health and explaining how their area of research will align with One Health and intersect with all three pillars (animals, humans, and the environment).

All applications to participate in the Collaborative Specialization in One Health will be reviewed by the specialization’s Graduate Program Coordinator and a committee of 3-5 faculty from different colleges.

Program Requirements

Doctoral students in the Collaborative Specialization in One Health must complete:

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<td>ONEH*6000</td>
<td>One Health Approaches to Research</td>
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</tr>
<tr>
<td>ONEH*6200</td>
<td>Doctoral Seminar in One Health</td>
<td>0.50</td>
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</table>

Successfully defend a thesis that applies a One Health approach.

At least one member of the student’s advisory committee must be a core graduate faculty member of the Collaborative Specialization in One Health. Students that previously completed ONEH*6000 One Health Approaches to Research as part of the master’s collaborative specialization will be exempt from retaking as part of the doctoral collaborative specialization; however, they will still be required to complete the final Research Proposal and Presentation assignment. Requirements of this collaborative specialization may also serve as elective requirements in the student’s home program.

Courses

ONEH*6000 One Health Approaches to Research Winter Only [0.50]

A multidisciplinary course for graduate students that provides in-depth knowledge on the One Health approach, exploring complex issues at the interface of human, animal, and environmental health. Active learning lessons will foster strong skill development for One Health research in collaboration, systems thinking, transdisciplinarity, critical thinking, problem solving, leadership, and communication.

Restriction(s): Restricted to students enrolled in the Collaborative Specialization in One Health.

Department(s): Department of Population Medicine

Location(s): Guelph

ONEH*6100 Master’s Seminar in One Health Fall Only [0.50]

This course offers a university-wide multidisciplinary forum for discussion of One Health. Master’s students will discover One Health through different disciplinary lenses, facilitate and actively engage in academic discussion about One Health, and practice leadership and networking skills necessary for success as a One Health practitioner.

Prerequisite(s): ONEH*6000

Restriction(s): Restricted to masters students in the One Health collaborative specialization.

Department(s): Department of Population Medicine

Location(s): Guelph

ONEH*6200 Doctoral Seminar in One Health Fall Only [0.50]

This course offers a university-wide multidisciplinary forum for discussion of One Health. Doctoral students will discover One Health through different disciplinary lenses, facilitate and actively engage in academic discussion about One Health, and practice leadership and networking skills necessary for success as a One Health practitioner.

Prerequisite(s): ONEH*6000

Restriction(s): Restricted to PhD students in the One Health collaborative specialization.

Department(s): Department of Population Medicine

Location(s): Guelph