Global One Health

One Health is a guiding framework that recognizes the interconnectedness of the health of humans, other animals, and the environment and works to holistically improve health across these systems. One Health perspectives are essential for addressing complex challenges, including emerging and re-emerging infectious diseases shared between people and animals, sustainable agricultural systems for global food security, clean and safe water, threats posed by climate change, and biodiversity conservation for healthy and functioning ecosystems.

The MS in Global One Health integrates NC State's diverse disciplinary strengths to train students in applied problem-solving for current and future health challenges in North Carolina, the United States, and the world. The degree includes a thesis option for students intending to continue in a research-related field and a non-thesis option for students intending to immediately enter the workforce. Students pursuing the thesis option will lead independent One Health research projects under the advisement of faculty from different colleges and disciplines at NC State. Students pursuing the non-thesis option will participate in experiential learning opportunities (e.g., internships) within the One Health realm and will complete a capstone project based on their experiential learning, guided by their faculty advisor and committee. All students will learn from their peers in the program through a cohort-based structure.

More Information

Global One Health Program Website (https://provost.ncsu.edu/global-one-health-academy/master-of-science-in-global-one-health/)

Admission Information

The MS in Global One Health follows the standard Graduate School admissions requirements. To be considered for admission in full graduate standing, applicants must have:

- a four-year bachelor's degree (or equivalent) from a regionally accredited college or university. Exceptions to standard accreditation may be granted for applicants with international degrees, including applicants with three-year degrees from institutions in Europe participating in the Bologna Process.
- a GPA of at least 3.00 (on a 4.00 scale) in their undergraduate degrees.

Submission of GRE General Test scores is optional.

Applicant Information

- **Delivery Method:** On-Campus
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

- **Fall:** priority deadline February 28; rolling applications accepted until June 25

Degrees

- Global One Health (MS) (https://catalog.ncsu.edu/graduate/interdisciplinary/global-one-health/global-one-health-ms/)

Faculty

Alice Cheng

Tara Harrison

Maricar Aguilos

Angela Allen

Sankar Arumugam

Justin Baker

Amay J Bandodkar

Sue Barcinas

James Barnes

Tal Ben-Horin

Meg Blanchard

Michael Bradshaw

Zachary Brown

Jennifer J. Carroll

Mallory Choudoir

Carter Clinton

Elisa Crisci

Nathan Crook

Christpher DePerno

Huiling Ding

Alexandra Duffy

Basheerah Enahora

Ayse Ercumen

Christopher Galik

Reza Ghiladi

Jessica M. Gluck

Carlos C. Goller

Andrew Grieshop

Raymond Guiteras

Leila Hajibabai

Angela Harris

Christine Hawkes

J. Aaron Hipp
Skylar Hopkins
Francis de los Reyes III
Ram Janakiraman
Roland Kays
Saad Khan
Moses Khisa
Sung Woo Kim
Serena Kim
Manuel Kleiner
Stephanie Kulesza
Cristina Lanzas
Nathalie Lavoine
Catherine LePrevost
Jay Levine
Gregory A. Lewbart
Xingcheng Lin
Frank J Louws
Lucian Lucia
Kavita Mathur
Maria Mayorga
Katherine McKee
Aram Mikaelyan
Aura Ankita Mishra
Roger Narayan
Natalie Nelson
Lokendra Pal
Celen Pasalar
Nils Peterson
Jeff Pollack
Bill Rand
David Rasmussen
Michael Reiskind
Martha Burford Reiskind
Sarah Rhea
Jacelyn Rice-Boayue
Jennifer Richmond-Bryant
Traci Rose Rider
Maria Rodgers
Jen Runkle
Amit Sharma
Seema Sheth
Debjani Sihi
Felipe Carvalho da Silva
Katharina Stapelmann
Anna Stepanova
Kathryn Stevenson
Sid Thakur
Lin Walker
Qingshan Wei
Jory Weintraub
Susan White
Anna E. Whitfield
Minliang Yang
Jeff Yoder
Haotian Zheng
Kaixiong Zhou
Yi-Hui Zhou