

# Global One Health

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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.

## 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) (<http://catalog.ncsu.edu/graduate/interdisciplinary/global-one-health/global-one-health-ms/>)

## Faculty

Justin Baker

Amay Bandodkar

Carla Barbieri

Rodolphe Barrangou

Tal Ben-Horin

Edward Breitschwerdt

Jennifer Capps

Jonathan Casper

Benjamin Chapman

Caren Cooper

Michael Daniele

Huiling Ding

Colleen Doherty

Natalia Duque-Wilckens

Ayse Ercumen

Christopher Galik

Reza Ghiladi

Brian Gilger

Blanton Godfrey

Suzie Goodell

Andrew Grieshop

Raymond Guiteras

Carol Hall

Robert Handfield

Angela Harris

Aaron Hipp

Skylar Hopkins

Jingjie Hu

Carlos Iglesias

Francis de los Reyes III

Kennita Johnson

Madhusudan Katti

Roland Kays

Albert Keung

Saad Khan

Sung Woo Kim

Manuel Kleiner

Nathalie Lavoine

Gregory Lewbart

Frank Louws

Christian Maltecca

Maria Mayorga

Katherine McKee

Anne Collins McLaughlin

Adriana San Miguel

Aram Mikaelyan

Bryan Ormond

Monique Pairis-Garcia

Celen Pasalar

Nils Peterson

Bill Rand

Ben Reading

Michael Reiskind

Martha Burford Reiskind

Maria Rodgers

Dorith Rotenberg

Chadi Sayde

Coby Schal

Seema Sheth

Erin Sills

Anna Stepanova

Kathryn Stevenson

Kristen Sullivan

Siddartha Thakur

Thomas Theis

Abraham Vazquez-Guardado

Qingshan Wei

Anna Whitfield

Laura Widman

Cranos Williams

Angela Wiseman

Lirong Xiang