

Global One Health (MS)

Plan Requirements

Code	Title	Hours
Global One Health Core Courses		10
GOH 519	Introduction to Global One Health	
GOH 520	Foundations for Applied Global One Health	
GOH 586	One Health: From Philosophy to Practice	
GOH 600	Professional Development in Global One Health	
GOH 611	Seminar in Global One Health	
Research or Experiential Learning Courses		4
GOH 695	Thesis Research in Global One Health	
GOH 693	Experiential Learning in Global One Health	
Additional Courses		13
Students must select 13 credit hours from additional coursework or additional research/experiential learning, as determined by the student in consultation with their faculty advisor and graduate committee.		
Electives		9
Students must select 3 credits from each category listed below in consultation with their committee		
Subject Area Expertise Electives ¹		
AEC 503	Foundations of Ecology	
AEHS 539	Family Health & Well-being	
ANS 537	Precision Livestock Farming Systems	
ARC 526	Health and Sustainability in the Built Environment	
BIO 578	The Physiology of Stress	
BSC 516	Toxics, Human Health, and the Environment	
CE 579	Principles of Air Quality Engineering	
EA 501	Environmental Stressors	
EA 502	Environmental Risk Assessment	
EA 503	Environmental Exposure Assessment	
EA 506	Water Quality Assessment	
EA 509	Air Quality for Environmental Assessment and Fire Science	
EAC 532	Health Care Delivery Systems and Environments	
EAC 536	Issues and Trends In Education For the Health Professions	
ENT 582	Medical and Veterinary Entomology	
ES/NR 525	Water Quality and Health	
FS/NTR/TOX 558	Food Toxicology	
FSA/FS 540	Food Safety and Public Health	
LAR 582	Special Topics In Landscape Architecture	
PB 507	Medical Ethnobotany	
PHY 505	Pathophysiology	
PO/NTR/ANS 515	Comparative Nutrition	
PP/PB/MB 501	Biology of Plant Pathogens	
PRT 550	Human Behavior and the Environment	
PRT 575	Children and Nature	

PSC 550	Fundamentals of Citizen Science and Other Participatory Research Methods
or GOH 550	Fundamentals of Citizen Science and Other Participatory Research Methods

Analytical Methods Electives

BIO/ST 404	Epidemiology and Statistics in Global Public Health
BIO/BMA 560	Population Ecology
BMA/MA 573	Mathematical Modeling of Physical and Biological Processes I
ED 730	Introduction to Qualitative Research in Education
ED/EDP 750	Mixed Methods Research in Education
CE 596	Special Topics in Water Resource and Environmental Engineering
GIS 510	Fundamentals of Geospatial Information Science and Technology
ISE/OR 501	Introduction to Operations Research
ISE/TE/OR 562	Simulation Modeling
PP 506	Epidemiology and Plant Disease Control
PRT 706	Quantitative Inquiry for Healthy People and Places
Any statistics (ST) course at or above 500	
Leadership, Entrepreneurship, and Policy Electives	
AEHS 550	Leadership Theory
AEHS 560	Organizational Behavior and Administrative Leadership in Agricultural & Human Science
CBS 561	Principles of Collaboration and Team Science
CBS/SLC 563	Leadership in Interdisciplinary Biomedical Sciences
EGR/EM 501	Engineering Leadership and Strategic Change
MBA 555	Product Design and Development
MBA 570	Opportunity Evaluation and Value Creation
MBA/MSE 576	Technology Entrepreneurship and Commercialization I
PA 507	The Public Policy Process
PA 511	Public Policy Analysis
PA 516	Effective Communications for Public Administrators
PA 550	Environmental Policy
PA 763	Public Policy Process
PRT 560	Theory and Practice of Partnerships for Conservation and Community Sustainability

Total Hours **36**

¹ Other courses can fulfill this elective requirement at the discretion of the advisor and committee