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	
ANT 516	Research Methods in Cultural Anthropology	
ANT 560	Urban Anthropology	
ANT 575	Environmental Archaeology	
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	
ISE 520	Healthcare Systems Performance Improvement I	
LAR 582	Special Topics In Landscape Architecture	
MEA 517	Fundamentals of Climate Change Science	
MEA 518	Adaptation to Climate Change	
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	
SOC 762	Sociology of Food Systems	
SOC 763	Environmental Sociology	
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 513	Humanitarian Logistics	
ISE/TE/OR 562	Simulation Modeling	
MEA 516	Climate Risk Analysis	
PP 506	Epidemiology and Plant Disease Control	
PP 590	Special Topics	
PRT 706	Quantitative Inquiry for Healthy People and Places	
SOC 712	Advanced Survey Research Methods	
SOC 718	Social Network Analysis	
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	
ANT 550	Culture, Ecology, and Sustainable Living	
ANT 561	Wealth, Poverty and International Aid	
CBS 561	Principles of Collaboration and Team Science	
CBS/SLC 563	Leadership in Interdisciplinary Biomedical Sciences	
ECG 515	Environmental and Resource Policy	
EGR/EM 501	Engineering Leadership and Change Management	
MKT 569	Product Design and Development	
MIE 576	Technology Entrepreneurship and Commercialization I	
MIE 570	Introduction to Innovation and Entrepreneurship	
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	
SOC 755	Global Institutions and Markets	
Total Hours		**36**

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