



# EVPP490/BIOL417/GCH305: *PRINCIPLES OF ONE HEALTH*

INSTRUCTOR:  
A. A. Aguirre

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SPRING 2022  
3 CREDITS

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SYNCHRONOUS  
ONLINE  
1:30-2:45 PM

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ASYNCHRONOUS  
ONLINE  
1:15 hours/week



One Health is an evolving, transdisciplinary way of approaching complex health issues by recognizing the interconnectedness of human health, animal health and the environment. This course will be co-taught by Drs. A. Alonso Aguirre (ESP, instructor of record), Anna Pollack (GCH), and Michael von Fricken (GCH) using a One Health framework.

- Zoonoses and Emerging Infectious Diseases
- Environmental contaminants
- Antibiotic resistance
- Conservation
  - Medicine/EcoHealth/Planetary Health
- Environmental/Ecosystem Health
- Epidemiology/Biosecurity
- History and progress of One Health
- Field techniques used in current One Health research



Department of Environmental  
Science and Policy