OVERVIEW:
Global health problems are complex and require culturally-sensitive, socially-acceptable, and action-oriented approaches to create practical and cost-effective solutions using a case-based format. This course will examine major health problems created by the convergence of human, animal, and environmental influences.

The focus will be on health consequences in three categories:
- Zoonotic and infectious diseases, such as malaria, avian influenza, and tuberculosis;
- Diarrheal, respiratory, and environmental diseases resulting from a broad range of environmental contaminants created primarily by industrial and agricultural pollution; and
- Problems related to food production and access, including malnutrition, food safety, and resulting diseases.

Professors Patricia Conrad (UC Davis, Veterinary Medicine) and Michael Wilkes (UC Davis, Human Medicine) lead this innovative, multi-disciplinary “One Health” course for a select group of global health-minded graduate students, residents, and fellows. Scientists and policy experts will be brought together to transcend their disciplines and teach collaboratively to investigate global health challenges.

SAMPLE TOPICS:
- One Health problem-solving frameworks
- The veterinary perspective
- The human nutrition perspective
- The human health perspective
- The economics of global health
- Water and health
- Novel approaches to area wide vector control in the uncertainty of climate change
- Ethical global health issues

REGISTRATION & CLASS DETAILS – SPRING 2015:
Sessions for this one unit course take place every Monday and Wednesday 6:00pm-8:00pm from March 30th to April 29th; one hundred percent attendance is required. Participants can attend in Davis (Genome, Room 6202) or Sacramento (Education Building, Room 3228B). The class size for this course is limited; thus, a selection process is often implemented in order to maintain appropriate numbers and representation across disciplines. If you would like to sign up, please send an email to Nicole Wood (nwood@ucdavis.edu) with subject title “One Health Graduate Seminar.” Nicole manages selection and registration.