This class meets with SPEA-H 316. This course provides students with a broad perspective on how the complex interactions of humans and the environment affect health. Emphasis is placed on understanding the ways in which biological, chemical, and physical agents in the environment cause disease and the means by which such disease can be prevented or controlled. The first one-third of the course is devoted to a review of the essential framework and tools of environmental health practice including concepts of disease and its prevention, epidemiology, toxicology, and risk assessment. The remaining two-thirds of the course focuses on the application of these concepts and tools in a range of traditional environmental health sub-disciplines such as food safety, vector control, air and water quality and pollution control, radiological health, solid and hazardous waste management, and occupational health.