Climate change is likely to be an increasing public health challenge this century, and the public health workforce is not adequately prepared. The current and projected human health consequences of climate change are diverse and wide-ranging, potentially altering the burden of any health outcome sensitive to weather or climate. Students in this course will gain foundational knowledge in the health effects of climate change, health benefits of mitigation activities, adaptation needs and strategies, and methods for quantifying climate change health effects and mitigation co-benefits.