



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman  
College of Public Health

**Mel and Enid Zuckerman College of Public Health  
University of Arizona**

**CPH 466/566 Climate Change and Public Health:  
Policy, Communication & Community Engagement**

**Catalog Description:** An interdisciplinary exploration of the nexus between climate change, public health policy, communication, and community engagement, using Public Health Competencies. Tailored for both undergraduate and graduate students, it offers a nuanced understanding of climate change's impact on public health and the essential role of effective communication and policy in addressing these challenges. This course aims to empower students with the knowledge and skills to contribute meaningfully to public discourse and policymaking in the realm of climate change and public health. (3 units)

**Course Topics:**

- Climate change and public health
- Public Health Policy Responses to Climate Change
- Building Climate Resilient Health Systems
- Quantification and Valuation in Climate Health

**Course Objectives:** During this course, students will:

- Identify the basic principles of climate change and its health impacts.
- Gain knowledge of public health policies related to climate change.
- Develop basic communication strategies for climate change awareness
- Analyze the scientific evidence for climate change and its health impacts.
- Evaluate and propose public health policies addressing climate change.
- Develop and implement advanced communication strategies for diverse audiences.

**Learning Outcomes (Competencies Obtained):** Upon completion of this course students will be able to:

1. Analyze public health and policy responses to address the risks of climate change on health, and appraise the community, role, and responsibility of local, state, national, and global government structures to address
2. Evaluate the roles of various sectors in climate and health action and demonstrate the ability to effectively communicate with multidisciplinary stakeholders to address climate and health impacts
3. Develop and apply the tools to confidently communicate the impact of climate change on health and the environment in diverse settings
4. Identify key climate change concepts and their health implications.
5. Understand and describe basic public health policies related to climate change.
6. Demonstrate ability to communicate climate change issues effectively.
7. Critically analyze and interpret scientific data on climate change and health.
8. Develop and assess public health policies for climate action.
9. Design and execute effective communication strategies targeting various audiences.