Mel and Enid Zuckerman College of Public Health
University of Arizona

CPH 402/502 Climate and Health

Catalog Description: In this course, students will explore the effects of climate and climate change on health. Over the course, content moves from the fundamental science of climate change and physiology, current and predicted effects, to the framing and communication of climate health impacts. Students highlight their knowledge through course deliverables including drafting white papers, peer lecture, and story maps. (3 units)

Course Topics:
- Climate change
- Climate and health
- Climate advocacy

Course Objectives: During this course, students will grow:

- Knowledge: be able to describe how climate change is influencing health
- Skills: develop the tools to communicate climate effects on health
- Attitudes: reflect on the challenges to mitigating the health impacts of climate

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

1. Define how the climate is changing
2. Explain how climate change is influencing health and who is most affected
3. Identify health co-benefits for climate change mitigation
4. Discuss what motivates individuals to action and how to advocate for health
5. Develop adaptation to address climate effects on health
6. Understand foundations of scientific knowledge, including the biological and life sciences and the concepts of health and disease
7. Address the underlying science of human health and disease, including opportunities for promoting and protecting health across the life course
8. Communicate public health information, in both oral and written forms and through a variety of media, to diverse audiences
9. Interpret results of data analysis for public health research, policy or practice
10. Interpret and summarize findings from multiple studies to make recommendations for public health practice
11. Interpret analyses in the context of published literature and communicate key findings to stakeholders