



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman College of Public Health

Mel and Enid Zuckerman College of Public Health University of Arizona

HPS 559 Management of Global Public Health Emergencies

Catalog Description: Students will develop the knowledge and skills to work in national and international contexts by contributing to and managing global public health humanitarian crises and programs. Graduate students will have advanced level material and additional assignments as shown in the syllabus. (3 units)

Course Topics:

- Public Health Emergencies Response Planning
- Principles of Diseases Control
- Situation Analysis and Priority Settings
- Humanitarian Coordination Architecture
- Diseases Surveillance
- Vaccine Preventable Diseases Outbreak and Control Measures
- Viral Diseases Outbreak and Control
- Malnutrition
- Mental Health Well-being in Crisis
- Risk and Behavior Change Communication
- Community Engagement
- Media/Social Media Engagement
- Advocacy and Resources Mobilization
- Decision Making in the Context of Uncertainty

Course Objectives: During this course, students will:

- Learn to develop an emergency response plan, based on analysis and interpretation of available data and comprehensive situation analysis.

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

1. Demonstrate foundational knowledge of communicable diseases control including the challenges and lessons learned from major public health emergencies, using case studies of the Ebola outbreak and COVID-19 pandemic analyze the effect of political leadership and the response outcome
2. Prepare a comprehensive Emergency Response Plan applying theories and knowledge gains during the course
3. Describe the basics of vaccine preventable disease outbreaks and control measures by reviewing latest disease outbreaks in high-income countries, their causes, lessons learned with regard to response planning and implications for future actions
4. Identify basic and introductory concepts, identify tools, and apply processes of situation analysis, risk and vulnerabilities/impact analysis, and stakeholders mapping
5. Apply the Inter-Agency Standing Committee (IASC) guidelines of mental health and psychosocial well-being in the contexts of emergencies
6. Explain the principles of behavior change communication and risk communication during a public health emergency and apply common strategies and tools
7. Describe the basics of advocacy and resources mobilization. Evaluate the importance of early communication, planning and resource mapping, identifying the DOs and DON'Ts of external communication

8. Explain and compare the existing interagency funding mechanisms, flash appeals, joint funding appeals and how they can be accessed