

# CERTIFICATE IN DISASTER PREPAREDNESS AND RESPONSE

---

Students will receive training and education related to preparing communities for and responding to any disaster. Apart from synchronous and asynchronous didactic education, the learner will participate in tabletop scenarios, functional exercises, and skill labs, taking full advantage of the University of Toledo's Jacobs Inter-professional Immersive Simulation Center. This will include weekly exercises, a live, simulated response to a tornado and triaging of victims, and hospital evacuation exercises. Students will receive online and in-person training with the Incident Command System (ICS). Additional skills will be interwoven throughout this program including patient assessment, splinting, suturing, tourniquet application, START and SALT triage, personal protective equipment (PPE) application, decontamination, and more.

The certificate's strength is its commitment to interdisciplinary education where students from the various health disciplines (e.g. medicine, physician assistant, pharmacy, nursing, EMS, PT, OT, RT, etc.) can work with public health students and where everyone can obtain a better perspective of what each discipline does and how they can form comprehensive health care teams when a disaster occurs. Minimum required credit hours for completion is 12.

Code	Title	Hours
PUBH 5260	Haz Mat and Emerg Response (Offered Summer)	3
PUBH 6090/8090	Issues in Public Health	3
PUBH 6500/8500	Disaster Preparedness/Response (Offered Fall)	3
PUBH 6560/8560	Interdisciplinary Crisis Management for Medical and Public Health Professionals (Offered Spring)	3
<b>Total Hours</b>		<b>12</b>

Apply principles of crisis leadership, governance, and management throughout simple, complex, and catastrophic mass casualty situations. Explain and exercise the basic principles associated with the management of HAZMAT and infectious disease crises from the perspective of both victim and responder. Identify real-world national and global public health challenges and demonstrate who these issues could blossom into true disasters with ineffectual leadership and mismanagement.