

UNDERGRADUATE CERTIFICATE IN BIOSECURITY AND PANDEMICS

The Undergraduate Certificate in Biosecurity and Pandemics provides students with a strong knowledge base regarding: disease threats; pandemic preparedness and management; bioterrorism; public health policies and laws (both domestic and international); and the nexus between border security and public health as it pertains to unique challenges along the US-Mexico border. The undergraduate certificate is offered as a standalone as well as in conjunction with the B.S. and B.A. in Homeland Security Studies degrees.

Code	Title	Hours
Undergraduate Certificate in Biosecurity and Pandemics		
Required Courses		
SCST 3385	Bioterrorism and Biowarfare Preparedness and Response	3
SCST 3386	Health Access and Homeland Security	3
SCST 3393	Public Health in Homeland Security	3
SCST 4304	Global Health Security	3
SCST 4305	Binational Health Challenges	3
Total Hours		15

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The Undergraduate Certificate in Biosecurity and Pandemics is designed to provide graduates with the following marketable skills:

- Biosecurity and Bioterrorism Threat Assessment.
- Pandemic Preparedness.
- Public Health Threats and Solutions.