

# Biosecurity and Pandemics, Undergraduate Certificate

## Provide a strong knowledge base

### Goal Description:

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.

**Providing Department:** Biosecurity and Pandemics, Undergraduate Certificate

### RELATED ITEMS/ELEMENTS

#### RELATED ITEM LEVEL 1

### Bioterrorism & Biowarfare Preparedness and Response

#### Learning Objective Description:

Students will investigate the threat posed to the United States by bioterrorism.

#### RELATED ITEM LEVEL 2

### Knowledge check in module

#### Indicator Description:

Students will successfully complete a knowledge check in blackboard.

#### Criterion Description:

80% of students will pass the knowledge check with a 70% or better.

#### Findings Description:

No data collected - there were no students enrolled in the Biosecurity and Pandemics undergraduate certificate in 2022-2023.

#### RELATED ITEM LEVEL 3

### Recruitment & Enrollment

#### Action Description:

Targeted efforts were initiated in Summer 2023 to recruit students into the Biosecurity and Pandemics certificate. Emails were sent to students who have completed at least one of the required certificate courses to encourage enrollment.

## New Update to Previous Cycle's Plan for Continuous Improvement Item

### Previous Cycle's Plan For Continuous Improvement (Do Not Modify):

New unit, no previous PCI

### Update of Progress to the Previous Cycle's PCI:

New unit, no previous PCI

## New Plan for Continuous Improvement Item

### Closing Summary:

Targeted emails will be sent to students who have completed at least one of the required courses for the Biosecurity and Pandemics Certificate encouraging their enrollment in the certificate program. Emails will be sent and tracked through EMMA, with follow-up enrollment reports run to capture any new student enrollment.

Multiple Learning Objectives and indicators will also be identified to incorporate in the 2023-2024 assessment plan.