

Biodefense and Biosecurity, Graduate Certificate (Boston)

The Graduate Certificate in Biodefense and Biosecurity has been designed in response to a need in the biotechnology industry for individuals who desire to become professionals in biodefense or biosecurity. The concentration seeks to give individuals a background into the technology to detect, analyze, and respond to biosecurity threats. Enrolled students will study the microbiology and epidemiology of biological agents that are potential threats; identify and propose what countermeasures can be used; and through coursework develop expertise in the response, strategies, and policies related to biodefense and biosecurity. The graduate certificate consists of three biotechnology courses and one public policy and urban affairs course totaling 13 semester hours.

Program Requirements

Required Courses

Code	Title	Hours
BIOT 5810	Cutting-Edge Applications in Molecular Biotechnology	3
BIOT 6610	Biosecurity and Bioterrorism	3
BIOT 6600	Agents of Bioterrorism	3
PPUA 6532	Building Resilience into Local Government	4

Program Credit/GPA Requirements

13 total semester hours required

Minimum 3.000 GPA required