



## Program Assessment Plan

**Program:** Graduate Certificate in Biosecurity & Disaster Preparedness (BSDP)

**Department:** Epidemiology & Biostatistics

**College/School:** College for Public Health and Social Justice

**Date:** 6/1/18

**Primary Assessment Contact:** Terri Rebmann

| Program Learning Outcomes   | Assessment Mapping        | Assessment Methods | Use of Assessment Data |
|---|---------------------------|--------------------|------------------------|
| <p>What do the program faculty expect all students to know, or be able to do, as a result of completing this program?</p> <p>Note: These should be measurable, and manageable in number (typically 4-6 are sufficient).</p> | <p>From what specific</p> |                    |                        |

Competency 1 Use an evidence



Competency 3 Create and disseminate tailored messages regarding biosecurity hazards and risks

1. On what schedule/cycle will faculty assess each of the above-noted program learning outcomes? (It is not recommended to try to assess every outcome every year.)

Each year, two learning outcomes, on average, will be assessed. Please see the attached “Planned Timeline for Assessing the Program Learning Outcome Measures” for a list of the dates for when each learning outcome will be assessed.

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

The program assessment plan was drafted by the Program Director. It was then shared with the other full-time and adjunct BSDP faculty (who are external to SLU). All full-time and adjunct faculty were consulted in the development of program competencies and learning outcomes, and how these would be assessed. The plan was discussed as a group and modifications were made as needed. This process is repeated annually during the Institute Strategic Planning Retreat/Meeting at which program assessment is also conducted. Furthermore, meeting minutes are distributed to all adjunct faculty and their input is sought related to program competencies, course objectives, and program assessment planning and feedback is incorporated as needed.

3. On what schedule/cycle will faculty review and, if needed, modify this assessment plan?

The Graduate Certificate in Biosecurity & Disaster Preparedness program will be formally assessed annually at the Institute Strategic Planning Retreat/Meeting. The plan and student outcomes will be assessed at this meeting, and revisions will be made to the assessment plan as needed. In addition, updates to the curriculum will be made when applicable, based on data from the Program Assessment process.

| Course Name | BSDP 5100<br>Public Health & Disasters | BSDP 5101<br>Fundamentals of Disaster Planning | BSDP 5103<br>Commun Dis & Infection Control | BSDP 5203<br>Planning for Infect Dis Disasters | BSDP 5206<br>Disaster Management & Risk Analysis |
|-------------|--|--|---|--|--|
|-------------|--|--|---|--|--|

**BSDP Certificate Core Competencies**

BSDP1: Use an evidence-based approach to develop and analyze human, animal, and environmental hazard control strategies, programs, and policies taking into account legal and ethical considerations

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Planned Timeline for Assessing the Program Learning Outcome Measures

| Learning Outcome Measure               | Year It Will be Examined During the Program Assessment Process |
|--|--|
| 1a: Identify and cite relevant sources | 2018   |

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Assessment Rubric for Graduate Certificate in Biosecurity & Disaster Preparedness

| Class & assignment  | Competency   | Learning outcomes (LO) linked to program competencies   | Extent to which students demonstrate achievement of LO (Excellent, good, fair, or poor) |
|---|--|---|---|
| BSDP 5103<br>Development of an infectious disease outbreak scenario paper         | 1: Use an evidence-based approach to develop and analyze human, animal, and environmental hazard control strategies, programs, and policies taking into account legal and ethical considerations.<br><br>2: Analyze and apply the scientific characteristics, such as transmission routes and control measures, of major biological hazards to develop interventions that minimize human and animal disease. | 1a: Identify and cite relevant sources  |   |
|   |  | 1b: Apply information from relevant sources appropriately   |   |
|   |  | 1c: Apply/use biosecurity nomenclature and terminology (such as "isolation" and "quarantine") related to infectious diseases accurately |   |
|   |  | 2a: Develop appropriate interventions that minimize human and animal disease  |   |
| BSDP 5203<br>Assessment of an agency/organization emergency management plan paper | 1: Use an evidence-based approach to develop and analyze human, animal, and environmental hazard control strategies, programs, and policies taking into account legal and ethical considerations.<br><br>2: Analyze and apply the scientific characteristics, such as transmission routes and control measures, of major biological hazards to develop interventions that minimize human and animal disease. | 1a: Identify and cite relevant sources  |   |
|   |  | 1b: Apply information from relevant sources appropriately   |   |
|   |  | 1c: Apply/use biosecurity nomenclature and terminology (such as "isolation" and "quarantine") related to infectious diseases accurately |   |
|   |  | 2a: Develop appropriate interventions that minimize human and animal disease  |   |
|   |  | 2b: Integrate appropriate scientific characteristics of an infectious disease into a scenario or case study                             |   |
|   |  |   |   |