**Infectious Disease Epidemiology**

This certificate is intended for students to gain skills and expertise in infectious disease epidemiology, covering fundamental concepts of infectious disease epidemiology, outbreak investigation, microbiology and immunology, and tropical infectious diseases. The goal is to prepare students for public health positions that require knowledge and expertise in infectious disease epidemiology.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name: |  | | | Student ID Number: | | |  |
| **Degree-Seeking Students Certificate Requirements** | | | | | | | |
| Course | | Credits | Title | | Semester & Year | Grade | Notes |
| **Required Courses** | | | | | | | |
| *6 credit hours* | | | | | | |  |
| PH 2730L | | 3 | Epidemiology & Control of Infectious Diseases | |  |  |  |
| PH 2800L | | 3 | Tropical Infectious Diseases | |  |  |  |
| **Elective Courses** | | | | | | | |
| *6 credit hours – (see planning note 1)* | | | | | | |  |
|  | |  |  | |  |  |  |
|  | |  |  | |  |  |  |
| **Total Credits** | | **12** |  | | | | |

*For course availability, including online offerings, please reference the* [*Course Rotation Schedule*](https://web.sph.uth.edu/student-forms/Academic_Requirements/Schedule%20of%20Classes/Reference.Course_Rotation.pdf) *and the* [*Interactive Course Schedule*](https://web.sph.uth.edu/course/CourseSchedule)*.*

**Planning Notes:**

**Planning Note 1 (Electives):** Students are required to complete a minimum of six (6) credit hours of electives from the following list.

|  |  |  |
| --- | --- | --- |
| Elective Options | | |
| Course | Credits | Title |
| PH 2750 | 3 | Disease: Natural History, Prevention, Control |
| PH 2785L | 3 | Laboratory Methods: Applications and Implications to Public Health |
| PH 2793 | 2 | Current Topics in Infectious Disease Epidemiology |
| PHW 2795 | 3 | Disease Detectives: International Epidemic Investigations |
| PH 2797 | 2 | Shoeleather Epidemiology: Essential Skills of Applied Epidemiology |
| PH 2803L | 3 | Vaccines: Cornerstone of Public Health |
| PH 2805L | 3 | Medical Microbiology |
| PH 2808L | 2 | Overview of Tropical Medicine |
| PH 2809L | 3 | Immunology |

**Infectious Disease Epidemiology Certificate Coordinators:**

Blake Hanson, PhD; Houston Campus and Department of Epidemiology, Human Genetics & Environmental Sciences; [Blake.Hanson@uth.tmc.edu](mailto:Blake.Hanson@uth.tmc.edu)

Eric Brown, PhD; Houston Campus and Department of Epidemiology, Human Genetics & Environmental Sciences; [Eric.L.Brown@uth.tmc.edu](mailto:Eric.L.Brown@uth.tmc.edu)