

**Assessment of Competencies for PhD Epidemiology**

| Competency   | Course number(s) and name(s)   |
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| <p>1. Prepare scientific research or program proposals that articulate specific aims, summarize appropriate background literature, describe study methodology and identify significance and limitations of the approach.</p> | <p>EPI573A: Basic Principles of Epidemiology<br/>                     EPID 670: Chronic Disease Epidemiology</p>   |
| <p>2. Develop research questions to address health problems by appraising and identifying gaps in the current scientific literature.</p>   | <p>EPID 573C: Advanced Epidemiology<br/>                     EPID 660: Infectious Disease Epidemiology<br/>                     EPID 670: Chronic Disease Epidemiology</p>   |
| <p>3. Design appropriate studies using causal inference principles for testing hypotheses in specific populations, after evaluating specific design advantages and limitations.</p>  | <p>EPI573A: Basic Principles of Epidemiology<br/>                     EPID 573B: Epidemiologic Methods<br/>                     EPID 573C: Advanced Epidemiology<br/>                     EPID 670: Chronic Disease Epidemiology</p> |
| <p>4. Evaluate the integrity, comparability, and limitations of data to make inferences related to analyses and results.</p>   | <p>EPI573A: Basic Principles of Epidemiology<br/>                     EPID 573B: Epidemiologic Methods</p>   |
| <p>5. Lead group interactions competently, ethically, respectfully and professionally to diverse audiences.</p>  | <p>EPID 573C: Advanced Epidemiology<br/>                     EPID 660: Infectious Disease Epidemiology</p>   |

**Assessment of Competencies for PhD **Epidemiology****

| <b>Competency</b>  | <b>Course number(s) and name(s)</b>   |
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| 6. Organize and deliver clear presentations of research findings in varying professional formats to diverse audiences. | EPID 573C: Advanced Epidemiology<br>EPID 660: Infectious Disease Epidemiology<br>EPID 670: Chronic Disease Epidemiology |