

## Epidemiology & Biostatistics Competencies

<b>Assessment of Competencies for</b>		
<b>Competency</b>	<b>Course number(s) and name(s)</b>	<b>Specific assessment opportunity</b>
1. Assess the current evidence base on a topic through a literature review, synthesizing information, identifying gaps, evaluating evidence for causation, and identifying study limitations	<b>HPH 559:</b> Advanced Research Methods	Independent Research Project
2. Identify and use data sources to analyze population health and well-being and become familiar with emerging and widely used software and technologies to analyze data sets	<b>HPH 559:</b> Advanced Methods	Independent Research Project
3. Utilize a suite of statistical methods appropriate for analyzing public health data.	<b>HPH 560:</b> Applied Biostats	Midterm Exam
4. Discuss and apply methodological approaches to substantive questions relevant to causal inference in epidemiologic studies of chronic diseases	<b>HPH 532:</b> Chronic Dis. Epi	Final Project/Paper
5. Identify and critically assess methodologies used in infectious disease epidemiology.	<b>HPH 510:</b> Infectious Disease Epidemiology	Final Project/Paper