Epidemiology (EPID) Practice Experience Competencies

The following three foundational competencies are required for all students:

- Apply epidemiological methods to the breadth of settings and situations in public health practice;

- Discuss how structural bias, social inequities, and racism undermine health and create challenges to achieving health equity at organizational, community, and societal levels; and

- Communicate audience-appropriate public health content, both in writing and through oral presentation.

In addition, students must choose any two competencies from the list below

- Select quantitative and qualitative data collection methods appropriate for a given public health context; (foundational)

- Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate; (foundational)

- Interpret results of data analysis for public health research, policy or practice; (foundational)

- Assess population needs, assets, and capacities that affect communities' health; (foundational)

- Design a population-based policy, program, project or intervention; (foundational)

- Determine the appropriate study design for a given public health problem and content; (epidemiology-specific) or

- Develop appropriate data collection protocols for a given public health issue and context. Epidemiology-specific)