<table>
<thead>
<tr>
<th>Competency</th>
<th>Course number(s) and name(s)</th>
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| 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. | EPID 573A Basic Principles of Epidemiology  
EPID 670 Chronic Disease Epidemiology |
| 2. Develop research questions to address health problems by appraising and identifying gaps in the current scientific literature. | EPID 573C Advanced Epidemiology  
EPID 660 Infectious Disease Epidemiology  
EPID 670 Chronic Disease Epidemiology |
| 3. Design appropriate studies using causal inference principles for testing hypotheses in specific populations, after evaluating specific design advantages and limitations. | EPID 573A Basic Principles of Epidemiology  
EPID 573B Epidemiologic Methods  
EPID 573C Advanced Epidemiology  
EPID 670 Chronic Disease Epidemiology |
| 4. Evaluate the integrity, comparability, and limitations of data to make inferences related to analyses and results. | EPID 573A Basic Principles of Epidemiology  
EPID 573B Epidemiologic Methods |
| 5. Lead group interactions competently, ethically, respectfully and professionally to diverse audiences. | EPID 573C Advanced Epidemiology  
EPID 660 Infectious Disease Epidemiology |
| 6. Organize and deliver clear presentations of research findings in varying professional formats to diverse audiences. | EPID 573C Advanced Epidemiology  
EPID 660 Infectious Disease Epidemiology  
EPID 670 Chronic Disease Epidemiology |