<table>
<thead>
<tr>
<th>Competency</th>
<th>Course number(s) and name(s)</th>
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</thead>
<tbody>
<tr>
<td>1. Articulate appropriate methods and data sources to investigate the interdependency and interconnectedness of humans, animals, and the environment in health and disease development.</td>
<td>EPID 679 One Health Applications and Practice</td>
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<tr>
<td>2. Develop strategies to address One Health challenges by engaging researchers across multiple disciplines and stakeholders with diverse perspectives, motivations, and economic incentives.</td>
<td>EHS 525 Global to Local: Environmental Change and Human Health</td>
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</table>
| 3. Identify and implement appropriate methods to integrate and analyze data on animals, humans, and the environment to identify and quantify One Health problems and/or evaluate solutions. | EPID 679 One Health Applications and Practice  
EHS 518 Introduction to Quantitative Human Health Risk Assessment |
| 4. Describe sentinel events in humans, animals, and the environment for detection of hazardous exposures and prevention of long-term negative effects. | EPID 660 Introduction to Infectious Disease Epidemiology  
EPID 596D Public Health Experience – Student Epidemiology Response Team (SAFER).  
EHS 518 Introduction to Quantitative Human Health Risk Assessment |
| 5. Appraise ecosystem changes and impacts that affect human, animal and planetary health | EPID 660 - Infectious Disease Epidemiology |