

## Epidemiology Concentration Competencies

| <b>MPH Graduates with a concentration in Epidemiology are expected to perform with entry-level competence in the following areas:</b>                                | <b>Concentration Core Courses</b>   |                 |                 |                 |                 |                 |                 |                 |                 |
|--|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|  | <b>PHC 6001</b>   | <b>PHC 6000</b> | <b>PHC 6011</b> | <b>PHC 6002</b> | <b>PHC 6003</b> | <b>PHC 6053</b> | <b>PHC 6937</b> | <b>PHC 6601</b> | <b>PHC 6946</b> |
|  | 1. Identify and understand the historical context of epidemiology, epidemiologic terminology, study designs and methodology | X               | X               | X               | X               | X               |                 |                 | P               |
| 2. Identify key sources of epidemiologic data and data collection methodology  | X   | X               | X               |                 |                 |                 |                 | P               | P               |
| 3. Demonstrate ability to analyze and interpret epidemiologic data   | X   | X               | X               | X               |                 | X               | X               |                 | P               |
| 4. Explain and communicate current epidemiologic and public health problems for informing scientific, ethical, economic and political discussions of health problems | X   | X               | X               | X               | X               |                 |                 | X               | X               |
| 5. Apply epidemiologic knowledge and methodology in a substantive area or applied setting  | X   | X               | X               |                 |                 |                 |                 | P               | X               |

X: Learning objectives in this course contribute to achievement of the competency

P: Competency may be addressed through this course. PHC 6601 and PHC 6946 have clear objectives but variable content that is tailored to individual student needs and goals. One or more competencies are addressed through the special projects conducted and reported in these courses.

Notes:

| <b>Course Number</b> | <b>Course Name</b>                        |
|----------------------|---|
| PHC 6000             | Epidemiological Research Methods I        |
| PHC 6001             | Principles of Epidemiology                |
| PHC 6002             | Epidemiology of Infectious Diseases       |
| PHC 6003             | Epidemiology of Chronic Disease I         |
| PHC 6011             | Epidemiological Research Methods II       |
| PHC 6946             | Internship (Special project)              |
| PHC 6053             | Regression Analysis for the Life Sciences |
| PHC 6937             | Introduction to Biostatistical Methods    |

Visit <http://www.mph.ufl.edu/concentrations/epidemiology.htm> for a detailed map of the epidemiology concentration competencies and the course learning objectives designed to contribute to them.