

2.3 Public Health Core Knowledge. All graduate professional public health degree students must complete sufficient coursework to attain depth and breadth in the five core areas of public health knowledge.

The areas of knowledge basic to public health include the following:

- **Biostatistics – collection, storage, retrieval, analysis and interpretation of health data; design and analysis of health-related surveys and experiments; and concepts and practice of statistical data analysis;**
 - **Epidemiology – distributions and determinants of disease, disabilities and death in human populations; the characteristics and dynamics of human populations; and the natural history of disease and the biologic basis of health;**
 - **Environmental health sciences – environmental factors including biological, physical and chemical factors that affect the health of a community;**
 - **Health services administration – planning, organization, administration, management, evaluation and policy analysis of health and public health programs; and**
 - **Social and behavioral sciences – concepts and methods of social and behavioral sciences relevant to the identification and solution of public health problems.**
- a. **Identification of the means by which the program assures that all graduate professional public health degree students have fundamental competence in the areas of knowledge basic to public health. If this means is common across the program, it need be described only once. If it varies by degree or specialty area, sufficient information must be provided to assess compliance by each. See CEPH Data Template 2.3.1.**

The table below lists the core course that addresses the public health core knowledge areas. Each course has been approved by the partner universities and therefore has five course numbers.

Core Knowledge Area	Course Number & Title	Semester Credits
Biostatistics	Biostatistics in Public Health UA 8300:604 CSU MPH 604 NEOMED MPH 76004 OU HLTH 6740 YSU 6904	3
Epidemiology	Epidemiology in Public Health UA 8300:603 CSU MPH 603 NEOMED MPH 76003 OU HLTH 6730 YSU MPH 6903	3

Environmental Health Sciences	Environmental Health Sciences in Public Health UA 8300:606 CSU MPH 606 NEOMED 76006 OU HLTH 6760 YSU MPH 6906	3
Social & Behavioral Sciences	Social and Behavioral Sciences in Public Health UA 8300:602 CSU MPH 602 NEOMED MPH 76002 OU HLTH 6720 YSU 6902	3
Health Services Administration	Health Services Administration in Public Health UA8300:605 CSU MPH 605 NEOMED MPH 76005 OU MPH 6750 YSU MPH 6905	3

b. Assessment of the extent to which this criterion is met and an analysis of the program's strengths, weaknesses and plans relating to this criterion.

This criterion is met. CEOMPH offers courses that address public health core knowledge.

Strengths: The core courses have been approved by all of the partner universities, so students are taking the same class.

Weaknesses: As new issues emerge in public health, they need to be incorporated into courses.

Plan: Continue faculty discussions about topics and emerging issues that should be covered in courses, including core courses.