

Roadmap to the MPH Certificate in Epidemiology & Biostatistics

1. Integrated Core (16 credits)

Develop a strong foundation in public health through our core courses:

- ✓ PH700 Foundations of Public Health (0 cr.)*
- ✓ PH717 Quantitative Methods for Public Health (4 cr.)
- ✓ PH718 Leadership and Management in Public Health (4 cr.)
- ✓ PH719 Health Systems, Law, and Policy (4 cr.)
- ✓ PH720 Individual, Community and Population Health (4 cr.)

2. Epi/Biostats Certificate (16 credits)

Build depth in the Epidemiology & Biostatistics certificate through the following required courses:

- ✓ BS723 Intro to SAS (4 cr.) or BS730 Intro to R (4 cr)
- ✓ EP770 Concepts and Methods of Epidemiology (4 cr)
- ✓ 4 credits study criticism coursework (EP722; EP730; EP740; EP748; EP752; EP755; EP758; EP759; EP764; EP775; EP784; EP790; EP850; EP857; EP858; EH757; GH801; MC759) (4 cr.)
- ✓ 1 data analysis course (BS805; BS820; BS835; BS845; BS851; BS852; BS858) (4 cr.)

3. Additional 16 credits

You may use one of the following options to fulfill your additional 16 required credits:

1. Complete a second functional certificate (16 cr.)
2. Complete a context certificate (12 cr.) plus 1 elective (4 cr.)
3. Complete 16 elective credits

3. MPH Practicum (240 hours; 0 credits)

Gain experience as a public health professional through a Practicum.

- ✓ Students are able to begin their Practicum after they have completed at least 12 SPH credits
- ✓ Various Practicum opportunities are posted here: <http://www.bu.edu/sph/students/resources/for-students/> although students are able to expand their Practicum search elsewhere
- ✓ Questions? Contact sphprac@bu.edu

4. Integrative Learning Experience (0 credits)

Integrate, synthesize, and apply the knowledge and skills you've learned through the MPH in an Integrative Learning Experience.

- ✓ Students register for the ILE in their last semester
- ✓ You may complete a data analysis or a problem-based research paper

*PH700 Foundations of Public Health (0 cr.) is a self-directed, online course completed prior to matriculation & is required only for MPH students who matriculate in Fall 2018 or later.