

University of Georgia College of Public Health

Master of Public Health Degree Requirements — **Biostatistics**

The M.P.H. requires a minimum of 45 semester hours of coursework, including the completion of an internship. To graduate, students must pass a final culminating competency exam. The curriculum comprises the following areas and courses:

MPH Core Requirement Courses: 15 hours

- BIOS 7010 Introduction to Biostatistics I
- EPID 7010 Introduction to Epidemiology I
- EHSC 7060 Foundations of Environmental Health
- HPRB 7050 Social and Behavioral Foundations
- HPAM 7600 Introduction to Health Policy and Management

Biostatistics Core Requirements: 15 hours

- BIOS 7020 Introduction to Biostatistics II
- EPID 7020 Introduction to Epidemiology II
- STAT 6510 Mathematical Statistics I
- BIOS 6380 Survival Analysis
- BIOS 8220 Clinical Trials

Electives: 8 hours

The following is a sample of suggested electives for an MPH concentration in Biostatistics:

- BIOS 7100 Biostatistical Applications for Pharmaceutical & Biotech. Industries
- BIOS 7400 Research Data Management and Computing
- BIOS 8100 Case Studies in Nonlinear Biostatistics
- BIOS 8110 Categorical Data Analysis
- BIOS 8120 Applied Nonparametric Biostatistical Methods
- STAT 6230 Applied Regression Analysis
- STAT 6240 Sampling and Survey Methods
- STAT 6290 Nonparametric Methods
- STAT 6520 Mathematical Statistics II
- STAT 6630 Statistical Methods in Bioinformatics I
- STAT 6640 Statistical Methods in Bioinformatics II

College of Public Health Seminar (PBHL 8200, 1 hr): Students in the MPH program are required to take this seminar course once during their program of study. The course will incorporate guest speakers representing all areas of public health.

Internship (PBHL 7560, 6 hours): The internship requires 300 clock hours in an appropriate public health setting. Students choose the site for their internship, with the assistance of the academic advisor and Internship Coordinator.

