4+1 Program (B.S. + M.S. Degree) in Biostatistics

Accelerated MS Program in Biostatistics

Suggested Courses

During/before your junior year

• Calculus 1, 2 and 3 (i.e. multivariable calculus)
• Linear algebra
• Introduction to (Bio)Statistics (e.g. PUBHLTH 223)
• Introduction to Data Science (e.g. PUBHLTH 390R)
• Mathematical Statistics 1 and/or 2 (e.g. STATS 515, 516)*

During your senior year

• Introduction to Statistical Computing with R (e.g. PUBHLTH 490R)**
• Statistical modeling (e.g. PUBHLTH 460, PUBHLTH 490Z)**

Maximum of 12 credits will be counted toward your MS degree

• Required Public Health courses: Principles of Epidemiology (EPI 630) and Great Challenges in Public Health (SPHHS 597C)
• Required Biostatistics Core courses: Data Management and Analysis using SAS (BIOSTATS 691F) and/or other graduate level courses

*either course can be taken in senior year   **take Intro to R prior to or in the same semester as Statistical modeling courses