<table>
<thead>
<tr>
<th>MPH: Epidemiology &amp; Biostatistics</th>
<th>MS in Applied Biostatistics (MSAB)</th>
<th>MS in Biostatistics (MSB)</th>
<th>PhD in Biostatistics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Length</strong> (full-time)</td>
<td>1.5 – 2 years</td>
<td>1 year</td>
<td>4-5 years</td>
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<td></td>
<td>(two semesters plus summer internship)</td>
<td>(three semesters)</td>
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<td><strong>Credits</strong></td>
<td>48</td>
<td>32</td>
<td>32</td>
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| **Course of Study**              | ▪ 16 credits Public Health core
▪ 8 credits Biostatistics
▪ 8 credits Epidemiology
▪ 16 elective credits

**MPH Bulletin**
**EP/BS Bulletin** | ▪ 32 credits Biostatistics

**MSAB Bulletin** | ▪ 8 credits Biostatistics
▪ 12 credits Math & Statistics
▪ 4 credits Epidemiology
▪ 8 elective credits in Biostatistics, Epidemiology, and/or Math & Statistics

**MSB Bulletin** | ▪ 28 credits Biostatistics
▪ 20 credits Math & Statistics
▪ 4 credits Epidemiology
▪ 12 elective credits in Biostatistics, Epidemiology, and/or Math & Statistics

**PhD Bulletin** |
| **Program Emphasis**             | Broad foundation in public health
|                                  | Practical application of biostatistics in professional contexts
|                                  | Theoretical understanding and practical application of biostatistics
|                                  | Theoretical understanding, practical application, and training in independent research in biostatistics |
| **Practical Training**           | Practicum (240 hours)
|                                  | Professional development course
▪ Supervised research rotation (100 hours)
▪ Practical training/internship (400 hours)
|                                  | None required, possibility of teaching experience.
|                                  | ▪ Supervised research assistantships
▪ Teaching experience
▪ Required research presentations
▪ Completion of a dissertation equivalent to three publishable papers |
| **Pre-requisites**               | Bachelor’s degree
|                                  | Bachelor’s degree
▪ 1 year of calculus including multivariable calculus
▪ One course (2 credits or more) in Linear Algebra to be completed before beginning of program
|                                  | Bachelor’s degree
▪ 1 year of calculus, including multivariate calculus
▪ One course in Linear Algebra
|                                  | Bachelor’s degree
▪ 1 year of calculus, including multivariate calculus
▪ One course in Linear Algebra |
| **Application Deadline and Process** | Deadline for fall admission: rolling. Priority deadline is January 15.
Apply online through the School of Public Health. Find more information [here](#).
|                      | Deadline for fall admission: rolling. Priority deadline is January 15.
Apply online through the School of Public Health. Find more information [here](#).
|                      | Deadline for fall admission: May 1
No spring admission.
Apply online through the Graduate School of Arts & Sciences. Find more information [here](#).
|                      | Deadline for fall admission: Dec. 1
No spring admission.
Apply online through the Graduate School of Arts and Sciences. Find more information [here](#). |
| **Career Fields**              | This program prepares students for a career in a variety of settings related to public health, including research settings, governmental agencies, health delivery systems, insurers, and pharmaceutical and biotechnology companies.
Possible job titles include: Research/Data Manager or Analyst, Study Coordinator, Epidemiologist, Biostatistician, Public Health Officer, Consultant, and SAS Programmer.
| This program prepares students for a career as a biostatistician in biomedical research enterprises, pharmaceutical companies, contract research organizations, government and federal agencies.
Possible job titles include: Biostatistician, Data Analyst, Research Manager, SAS Programmer, Data Scientist |
| This program prepares students for a career as a biostatistician in biomedical research enterprises, pharmaceutical companies, contract research organizations, government and federal agencies.
Possible job titles include: Biostatistician, Data Analyst, SAS Programmer, Data Scientist |
| This program prepares students for a career as a professional, academic, or industrial biostatistician in biomedical or epidemiologic sciences.
Possible job titles include: Biostatistician, Professor of Biostatistics, Senior Data Scientist |