Biostatistics is the art and science of collecting and evaluating biomedical data. As research collaborators, biostatisticians are essential for the rigorous conversion of raw information into knowledge. Applications include studying the genetic, molecular, or environmental causes of illness, and planning, conducting, and monitoring clinical trials designed to evaluate the safety and efficacy of novel treatments. At the forefront of public health and biomedical research, biostatisticians serve as key scientists at every level – designing and analyzing research, studies, overseeing the conduct of scientific research, participating in governmental policymaking, training researchers and developing new statistical theory and methods for the analysis of biological data.

**Biostatistics Highlights**

The Biostatistics Graduate Program consistently ranks among the very best biostatistics departments. The Department is a leader in the areas of large data, clinical trials, survival analysis, and statistical genetics. Its 83 distinguished faculty include a Member of the National Academy of Sciences, three Members of the Institute of Medicine, and 20 Fellows of the American Statistical Association. There are approximately 80 students in this hard-working, diverse, collegial Department and more than 570 alumni who are leaders in academia, government, non-profit, and private industry.

**Degrees or Certificates Offered**

- **MS**: Biostatistics
- **PhD**: Biostatistics or Statistical Genetics
- **MPH**
- **Concurrent Degree**: PhD/MD

**Graduate Certificate Programs in:**
- Applied Biostatistics – in residence or online
- Statistical Genetics – in residence

**Other offerings:**

- **Summer Institutes in:**
  - Statistical Genetics
  - Modeling in Infectious Diseases
  - Clinical Research

**Contact Information**

- www.biostat.washington.edu
- Email: bioadmit@u.washington.edu
- Phone: 206-543-1044

**Applicant Qualifications**

The Department attracts students nationally and internationally and welcomes applications from diverse backgrounds. Potential MS and PhD students enter the Graduate Program from undergraduate majors in mathematics, statistics, or a biological sciences field. All applicants should have the equivalent of 30 or more quarter credits in mathematics and statistics, including approximately two years of calculus (through multivariate calculus), one course in linear algebra, and one course in probability theory. MPH applicants must hold a doctoral level degree in another field or be working on a doctoral degree.

**Academic and Professional Opportunities**

Biostatisticians are in demand across many fields in the US and internationally. Common job titles include Biostatistician, Professor, Research Statistician, Analysis Programmer, Health Informatics Specialist, Statistical Writer, Data Analyst, Bioinformatician.

**Admissions**

Applications may be submitted online at: www.grad.washington.edu/applForAdmiss. Applicants submit a Statement of Purpose, GRE (General Test) scores, three recommendation letters, and transcripts. International applicants may need to submit TOEFL scores. Applicants seeking financial assistance submit a résumé.

**Application Deadline**

- **Autumn Quarter Entry**
  - December 1st