

# ***BIostatistics MS & PhD***

**University of Colorado Denver  
Anschutz Medical Campus**

## ***What is Biostatistics?***

Biostatistics is one of the most exciting and useful disciplines contributing to the challenging fields of medical research and evidence-based health care. Biostatisticians use statistical and mathematical methods to help design, analyze, and interpret studies in biological, health, and medical research.

### ***What degrees are offered?***

- ✓ MS in Biostatistics
- ✓ PhD in Biostatistics
- ✓ MPH in Applied Biostatistics

### ***What are areas of research?***

- ✓ Longitudinal data, clinical trials, statistical genetics and genomics, survival analysis
- ✓ Infections diseases (HIV/AIDS), cancer, nutrition, diabetes

### ***Who should apply?***

- ✓ Students with an aptitude and interest in advanced Math and Statistics
- ✓ Students with a desire to apply math and statistics in health care and biological settings

### ***What are the minimum requirements for entrance into the MS Program?***

- ✓ A Bachelors degree in mathematics, chemistry, biology, biochemistry or other science-related fields
- ✓ At least one year of calculus

### ***What are the minimum requirements for entrance into the PhD Program?***

- ✓ A Masters degree in Biostatistics, Statistics, Applied Math, or substantial graduate coursework in these fields

### ***What is the learning environment?***

- ✓ A diverse community of faculty and students working closely together to advance statistical science and public health
- ✓ 19 core faculty plus affiliates
- ✓ 24 MS & 11 PhD students
- ✓ Located within the planned Colorado School of Public Health, with large research groups in Epidemiology and Public Health

### ***What does Denver offer?***

- ✓ Denver offers great restaurants, and museums, ethnic diversity, 300 sunny days per year, and abundant outdoor activities

### ***What career paths are available to Biostatistics graduates?***

- ✓ Academic Research
- ✓ Government/Public Health
- ✓ Industry/Private Enterprise

### ***What is the application deadline?***

February 1 for admission in fall of the same year

### ***Interested in learning more?***

Visit us online at [pmb.uchsc.edu/Biostatistics](http://pmb.uchsc.edu/Biostatistics)

Or

Contact Fayette Augillard at [Fayette.Augillard@UCHSC.edu](mailto:Fayette.Augillard@UCHSC.edu)