Why University of Florida?

The UF Department of Biostatistics is an integrated program housed within the College of Public Health and Health Professions and the College of Medicine. This structure offers students unique opportunities to pursue their passions. Home to the nation’s only academic health center with six health-related colleges located on a single campus, the University of Florida is a world leader in interdisciplinary research. Students in UF’s Department of Biostatistics are encouraged to explore their interests in this cutting-edge, dynamic environment.

About the Department

The department’s mission is to develop, disseminate and apply biostatistical and analytical methods for research in the health sciences, encompassing both research design and analysis. We strive to advance knowledge in biostatistics and health through educational programs, and we provide leadership and outstanding scholarship in research, teaching, and service.

Our faculty includes leaders in the development of statistical methods for clinical trials, survival analysis, decision theory and genetic studies. They provide scholarship in biostatistics and partnership in research for the six colleges of UF’s Health Science Center, as well as the Clinical and Translational Science Institute, the Emerging Pathogens Institute, the UF Shands Cancer Center, the McKnight Brain Institute and other academic units across UF.

http://biostat.ufl.edu

To learn more about the UF Department of Biostatistics, we invite you to visit our website.

Department of Biostatistics
PO Box 117450
2004 Mowry Road, 5th floor
Gainesville, FL 32611-7450
Phone: (352) 294-5770
Fax: (352) 294-5931
Application Process
Candidates must apply to and be accepted by BOTH the Graduate School at the University of Florida and the M.S. program or Ph.D. program in biostatistics.

Master of Science in Biostatistics
The M.S. in biostatistics requires a minimum of 36 post-baccalaureate credit hours. The program is designed to facilitate students’ development of a strong theoretical foundation in biostatistics, and a broad-based understanding of biostatistical methods. A typical student will be enrolled full time for two years.

The principal goal of the M.S. program is to prepare highly qualified individuals for future Ph.D. training and for careers in biostatistics practice. This training is conducted in the innovative and interdisciplinary public health culture of the College of Medicine and the College of Public Health and Health Professions. Graduates will help address the shortage of biostatisticians.

We expect our graduates to be highly competitive in three primary settings: academic university-based settings, industry, and federal agencies that involve research and/or public health practice.

Doctor of Philosophy in Biostatistics
The doctoral program requires a minimum of 90 semester credits beyond the bachelor’s degree. Students must have a directly related master’s degree (i.e., M.S. in statistics or biostatistics). All students must complete a minimum of 54 credits of biostatistics/statistics course work (30 credits will typically be transferred from a master of science program), 6 credits of public health course work, 3 credits toward consulting requirement, 6 credits toward a cognate or additional elective requirement, and 21 credits of dissertation work.

All graduates of the Ph.D. program will be able to:

- Conduct independent research in the development of new biostatistical methodology.
- Engage in successful collaborations with investigators in new quantitative fields.
- Write statistical methodology papers for peer-reviewed statistical and biostatistical journals. Write collaborative papers for peer-reviewed subject matter journals.
- Compete successfully for research and teaching positions in academic institutions, federal and state agencies, or private institutions.

Master of Public Health
The department also provides a master of public health with a concentration in biostatistics designed primarily for students with a previous graduate degree, who want to obtain a solid background in quantitative and analytical methods for public health research.

Graduate students take courses in statistics and public health through the Department of Biostatistics in the Colleges of Medicine and Public Health and Health Professions, and through the Department of Statistics in the College of Liberal Arts and Sciences.