M.S. IN BIOSTATISTICS

The Master of Science (MS) in Biostatistics is structured around four pairs of courses: A regression sequence consisting of linear regression and generalized linear regression, an inference sequence consisting of Probability and Distribution Theory and Statistical Inference, a multivariate sequence consisting of Applied Modern Multivariate Methods and Longitudinal Data, and a clinical trials sequence consisting of Survival Analysis and Clinical Trials. Enrichment is provided by regular topics courses and by a Statistical Practicum. A major paper (capstone project) is required to demonstrate satisfactory facility with the major concepts.

The essential background an ideal entering student would have is

1. a minimum of three semesters of calculus including partial derivatives and techniques for solving multiple integrals,
2. one semester of linear algebra,
3. one semester of probability theory, and
4. four undergraduate courses in statistics or biostatistics.

For more information about the MS in Biostatistics click here (http://www.biostat.med.miami.edu/academics/ms-in-biostatistics).