

STATISTICS, PH.D.

The Ph.D. degree is designed to prepare the student to conduct independent research, to work as a lead statistician in business or industry, and/or to teach statistics at the collegiate level.

The profile of a successful Ph.D. applicant includes either a master's degree with excellent performance from an accredited institution, or post baccalaureate with an average GRE verbal in the 65th or higher percentile and an average GRE quantitative in the 80th or higher percentile with an average GPA of 3.30 or higher. He/she will also have a strong math background including 3 semester sequence in calculus, linear algebra, and often real analysis.

Learning Outcomes

1. The Ph.D. recipient should have solid knowledge of the advanced theory of statistics and probability.
2. The Ph.D. recipient should have the ability to substantially add to the body of knowledge in the field in statistics.
3. The Ph.D. recipient who desires a career in academia should have the ability to teach at the collegiate level.
4. Doctoral students should complete all required coursework, pass the qualifying exam at the Ph.D. level, then propose, write, and defend their dissertation in a timely manner.