APPLIED STATISTICS
The Ph.D. in Applied Statistics prepares students to pursue careers in academia, research organizations, government and private industry.

PROGRAM HIGHLIGHTS
- Doctoral students study and participate in research efforts with internationally-recognized scholars
- Part-time or full-time program

PROGRAM ACCOLADES
The need for statistical data analysis is becoming extremely critical in the modern workplace due to large amounts of quantitative information collected every day. This creates an increasing demand for individuals trained in analyzing large complex data sets via the latest advances in computing.

The graduates of this program are successfully employed in academia, biomedical, insurance and finance-related industries earning six-figure salaries and making important contributions to the United States and world economy.
PROGRAM REQUIREMENTS

- In addition to satisfying the university-wide graduate admission requirements, a B.A., B.S., M.A. or M.S. in mathematics, statistics or a closely-related field is required.

- Students who have not taken mathematical statistics courses at the undergraduate level may be required to complete the equivalent courses in the appropriate background areas before taking graduate courses.

All students are required to pass the qualifying exams consisting of Advanced Inference and an applied part. In addition, students are also required to pass the Dissertation Proposal examination and the Dissertation defense.

SCHOLARSHIPS & ASSISTANTSHIPS

Early application is strongly recommended to be considered for additional scholarships. Assistantships are generally available to doctoral students in good academic standing for a period of four years.

- Assistantships pay $25,000 per year for half-time service (20 hours a week).
- Assistantship awards allow the student to be classified as “in-state”.
- In addition to the financial assistantship, tuition and fees are fully paid and waived for full-time students.

Travel Stipends/Research Grants
The College of Business provides support for Ph.D. student academic travel and generous grants to support research.

ADMISSIONS COMMITTEE REVIEW

Once a completed application is received, the Ph.D. Program Committee will review and conduct interviews with top candidates. Recommended decisions for admission will follow.

“The Ph.D. program in Applied Statistics prepared me to be a researcher in the data science space. The faculty and staff are very supportive and always make time for students. I encourage future students to study hard, be proactive, engage your professors regularly and explore research opportunities within and outside the department.”

~ Dr. Kristopher Williams, Ph.D. ’16