THE FOX PHD in Statistics
OUTSTRETCH THE LIMITS OF STATISTICS THEORY

Prepare to address a variety of societal and scientific endeavors using statistical tools. The PhD in Statistics at Temple University’s Fox School of Business provides a rigorous training in statistics theories and methods within a collaborative research environment, so you learn to apply your research to varied issues—and challenge the bounds of statistical knowledge.

Working closely with world-class faculty, you’ll gain the skills to advance statistical theory:

- Thorough knowledge of research methodology and its applications
- Foundation to understand new statistical theory tools as they are being developed
- Capability for undertaking original research, which should make a substantial contribution to the science of statistics
- Ability to communicate statistical knowledge effectively
- Ability to interact and apply statistical knowledge in other fields

WIDE-RANGING RESEARCH INTERESTS. WORLD-CLASS LEADERS.

The Fox PhD in Statistics features sixteen full-time faculty members who are well-versed in a variety of research subjects, frequently published in leading academic journals, and receive external funding and grants to complete important practical research.

Faculty research interests include:

- Biostatistics
- Data mining
- Experimental design
- Genetics
- High dimensional statistics
- Law
- Marketing
- Multiple hypothesis testing
- Statistical decision theory
- Statistical applications in finance
- Statistical computing and graphics
- Time series analysis and forecasting

CURRICULUM REQUIREMENTS

The Fox PhD in Statistics curriculum provides robust support for your pursuit of academic research. Required coursework is not rigidly packaged and offers dynamic flexibility to suit a variety of experiences.

EXPERIENCE SIGNIFICANT CAREER PROBABILITIES

With a PhD in Statistics from the Fox School, your career possibilities are unlimited. While some graduates of the program have accepted positions within the industry at corporations like Boeing, GlaxoSmithKline, Merck and Pfizer, many of our graduates hold faculty roles at leading academic research institutions. Some of the universities where students have accepted faculty positions includes:

- Chinese University of Hong Kong
- St. Joseph’s University
- Temple University
- University of Houston
- University of Southern California
- Villanova University
of interests. Department-led seminars, student forums, and in-depth academic conference preparation provide collaborative ways to engage with the research process. Plus, all PhD in Statistics students are required to publish dissertation research in a top statistics journal at the time of the Proposal (Preliminary) Exam—providing a unique opportunity to build a high-quality research portfolio and prepare for the dissertation process.

- Minimum 48 credit hours*, not including dissertation credits.
- Four core courses: Probability & Statistical Theory I & II, Statistical Methods I & II.
- Required passing of Screening Exam at the end of the first academic year, and Proposal (Preliminary) Exam prior to dissertation process.
- Two-course advanced theory sequence and at least two additional Stat 9000-level courses required.
- Personalize your learning path with additional graduate-level Statistics courses, advanced topics seminars, or directed study opportunities.

*18 credit hours required beyond the Temple University Master of Science in Statistics

ADMISSIONS CRITERIA
The ideal applicant for the Fox School of Business PhD program should have:

- 3.4 GPA minimum in math courses
- Score in the 90th percentile or above on the GMAT (the GRE may also be considered)

- Score of 100 or above on the TOEFL-IBT for international students, unless the applicant has earned an undergraduate or graduate degree or is in the process of earning either degree from an institution based in the United States (a 7.0 on the IELTS may also be accepted)

FUNDING AND FINANCIAL AID
All students admitted to this program are considered for full financial support for up to five years. Funding typically comes in the form of research or teaching assistantship and includes full tuition and a competitive stipend. In order to receive assistantship renewal each year, PhD students must demonstrate their commitment to professional growth through dedication to assigned assistant duties as well as excellent academic performance. Assistantships will only be renewed if there is sufficient progress in the program and if the PhD student’s performance warrants renewal based on the student’s annual evaluation. Students who apply before the January 15 deadline will also be considered for Temple University’s prestigious university fellowships.

CONNECT WITH US
The Fox School of Business takes a personalized approach to drive our students to success. Please feel free to reach out to our academic program director with any questions, or to discuss your specific goals.

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THE FOX SCHOOL OF BUSINESS
The Fox School of Business at Temple University has a longstanding tradition of preparing professionals with the power to lead tomorrow’s economy. With a reputation for a strong work ethic and a roll-up-your-sleeves attitude, we advance the world of business—and transform lives through education.

TEMPLE UNIVERSITY
Fueled by groundbreaking work in science education and research, as well as accomplished graduate programs, Temple University is one of the nation’s most far-reaching universities—and one of the fastest-rising universities in rankings across the country and the world.