

# Statistics MS

---

FOX SCHOOL OF BUSINESS AND MANAGEMENT

Learn more about the Master of Science in Statistics.

## About the Program

The Department of Statistical Science offers an MS program through which students acquire in-depth knowledge of statistics. Graduates are trained to serve as professional statisticians in industry, research organizations or government.

**Time Limit for Degree Completion:** 6 years

**Campus Location:** Main, with business foundation classes offered throughout the year. Upper-level courses are not offered at all campuses, but courses may be offered online.

**Full-Time/Part-Time Status:** The degree program can be completed on a full- or part-time basis.

**Areas of Specialization:** Faculty members offer master's students substantial coursework in statistical theory and applications.

**Job Prospects:** The Fox Center for Student Professional Development (CSPD) provides students with career coaching and professional development resources that support the job search. Graduates may find employment as statisticians in the pharmaceutical industry, in medical research organizations, or in other areas of business and government.

**Non-Matriculated Student Policy:** Students with an undergraduate GPA of 3.0 or above may take classes on a non-matriculated status. Non-matriculated students can take a maximum of 9 credits.

**Financing Opportunities:** Assistantships are typically reserved for those engaged in doctoral study.

## Admission Requirements and Deadlines

### Application Deadline:

*Fall:*

- December 15 – Early Admissions Deadline and International Deadline
- March 1 – Scholarship Deadline
- June 30 – Final Deadline

Applications are reviewed as they are received and can be considered after the deadline.

International students who miss the December 15 deadline are required to submit to Temple University an evaluation of their transcript(s) by an approved educational evaluation firm.

APPLY ONLINE to this Fox graduate program.

### Letters of Reference:

*Number Required:* 2

*From Whom:* Professional references from an immediate supervisor, current or past, are preferred. Academic references are acceptable.

**Coursework Required for Admission Consideration:** Students must have taken two semesters of university-level Calculus or its equivalent. A course in Linear Algebra is also desirable.

**Bachelor's Degree in Discipline/Related Discipline:** The equivalent of a four-year U.S. baccalaureate degree from an accredited university or college is required. For three-year degrees, mark sheets must be evaluated by WES or another NACES organization.

**Statement of Goals:** In 500 to 1,000 words, describe your specific interest in Temple's program, research goals, career goals, and academic and research achievements.

### Standardized Test Scores:

**GRE/GMAT:** Required. Quantitative and verbal scores on the GRE should be in the 50th percentile or above. Scores under 500 on the GMAT are not considered for the MS program.

Applicants who earned their baccalaureate degree from an institution where the language of instruction was other than English, with the exception of those who subsequently earned a master's degree in a country where the language of instruction is English, must report scores for a standardized test of English that meet these minimums:

- TOEFL iBT: 90
- IELTS Academic: 6.5
- Duolingo: 110
- PTE Academic: 60

Any student admitted with a TOEFL score below 100 iBT must pass an English skills course during the first term of enrollment at Temple University.

**Resume:** Current resume or CV is required.

**Transfer Credit:** Upper-level graduate credits from an accredited graduate program, but not previously applied to a conferred degree, may be transferred into the MS program. The credits must be part of the required degree program at Temple University. To be transferred, the grade must be a "B" or better. The Admissions Committee makes recommendations with regard to transfer credits to the Director of the Graduate Program in Statistical Science. The maximum number of credits a student may transfer is 6.

## Program Requirements

### General Program Requirements:

*Number of Credits Required Beyond the Baccalaureate:* 30

*Required Courses:*

| Code                          | Title                                | Credit Hours |
|-------------------------------|--------------------------------------|--------------|
| <b>Core Courses</b>           |                                      |              |
| STAT 8001                     | Probability and Statistics Theory I  | 3            |
| STAT 8002                     | Probability and Statistics Theory II | 3            |
| STAT 8003                     | Statistical Methods and Concepts     | 3            |
| STAT 8004                     | Statistical Modeling and Inference   | 3            |
| <b>Electives</b> <sup>1</sup> |                                      | <b>18</b>    |
| <b>Total Credit Hours</b>     |                                      | <b>30</b>    |

<sup>1</sup> Students select graduate business elective courses in consultation with the Director of the Graduate Program in Statistical Science.

**Culminating Event:** Satisfactory completion of coursework is all that is required to earn the MS degree.

## Contacts

### Program Web Address:

<https://www.temple.edu/academics/degree-programs/statistics-ms-bu-stat-ms>

### Department Information:

Fox School of Business and Management  
 329 Speakman Hall  
 1810 N. 13th Street  
 Philadelphia, PA 19122  
 foxinfo@temple.edu  
 215-204-5890  
 215-204-7678  
 Fax: 215-204-1632

### Submission Address for Application Materials:

[https://foxgraduate.force.com/ERx\\_Forms\\_\\_Portal\\_Register?type=fox](https://foxgraduate.force.com/ERx_Forms__Portal_Register?type=fox)

### Department Contacts:

*Graduate Program Director:*  
 Zhigen Zhao  
 1810 Liacouras Walk, Room 390

zhaozhg@temple.edu  
215-204-6208