

MS in Statistics

Admission Requirements

Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following degree requirements:

- **Baccalaureate Field** Mathematics or a related field. Applicants must have 20 semester hours of undergraduate work in mathematics beyond calculus and have taken: calculus and multivariate calculus (MATH 180, MATH 181, and MATH 210, or equivalent); linear algebra (MATH 310 or equivalent); and a probability or statistics course (STAT 381 or equivalent).
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study, and an average of 3.00 in all mathematics courses beyond calculus.
- **Tests Required^a** The General GRE (Graduate Record Examination)
- **Minimum English Competency Test Score**
 - **TOEFL** 100, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 7.0, with subscores of 7.0 for all four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required from persons familiar with the applicant's academic work.
- **Personal Statement** Required.

^a *The GRE is not required for the upcoming Spring and Fall 2024 admission cycles.*

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 32.
- **Course Work** At least 24 hours must be courses in MSCS. Of these, 12 hours must be at the 500 level, and two of these courses (8 hours) must be STAT courses. (MATH 589 does not count toward this requirement, but independent study can be included with advisor approval).

Code	Title	Hours
Required Courses		
STAT 401	Introduction to Probability	
STAT 411	Statistical Theory	
STAT 481	Applied Statistical Methods II	
Two 500-level STAT courses (8 hours)		
Courses to make up the 32 hours may not include MATH 589 or independent study at the 400 level. Courses from other departments may be included with advisor's approval.		

Remaining courses to be selected in consultation with an advisor. Other courses may be substituted with the permission of the director of graduate studies.

- **Comprehensive Examination:** Students must pass the master's examination in Statistics.
- **Thesis, Project, or Course-Work-Only Options:** Course work only (with required examination). No other options are available.