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 program requirements:

- **Baccalaureate Field** Mathematics or a related field. Applicants must have 20 semester hours of undergraduate work in mathematics beyond calculus. Additional requirements vary by area as noted in each section.
- **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** The General GRE (Graduate Record Examination)
- **Minimum English Competency Test Score**
  - TOEFL 100, with sub scores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Internet-based TOEFL); 60, with sub scores of Reading 19, Listening 17, Writing 21 (New Paper-Based—after August 2018); 600 (Institutional Testing Paper-Based—prior to August 2018), OR,
  - IELTS 7.0, with sub scores of 7.0 for all four sub scores, OR,
  - PTE-Academic 54, with sub scores 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.

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 which 12 hours must be at the 500 level.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 401</td>
<td>Introduction to Probability</td>
</tr>
<tr>
<td>STAT 411</td>
<td>Statistical Theory</td>
</tr>
<tr>
<td>STAT 481</td>
<td>Applied Statistical Methods II</td>
</tr>
</tbody>
</table>

12 hours in 500-level departmental course work, excluding MATH 589. At least two courses must be in statistics. Courses may include independent study with advisor approval.

Two additional 400- or 500-level courses (8 semester hours). Courses may not include MATH 589, or independent study at the 400 level. Courses from other departments may be included with advisor's approval.

- **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.