STATISTICS (M.S.)
(COMBINED B.S. MATH/M.S.)

Program Requirements

9 credits will be applied from the Undergraduate program

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT</td>
<td>Statistical Theory Core</td>
<td></td>
</tr>
<tr>
<td>542</td>
<td>Statistical Theory I</td>
<td>3</td>
</tr>
<tr>
<td>543</td>
<td>Statistical Theory II</td>
<td>3</td>
</tr>
<tr>
<td>544</td>
<td>Statistical Computing</td>
<td>3</td>
</tr>
<tr>
<td>547</td>
<td>Design and Analysis of Experiments</td>
<td>3</td>
</tr>
<tr>
<td>548</td>
<td>Applied Regression Analysis</td>
<td>3</td>
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</tbody>
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Statistics Electives

Select one of the following:

- STAT 640 Biostatistics I
- STAT 646 Multivariate Analysis
- STAT 648 Advanced Statistical Methods

Select 9 credits from the following:

- STAT 545 Practicum in Statistics I
- STAT 546 Non-Parametric Statistics
- STAT 549 Sampling Techniques
- STAT 552 Intermediate Statistics Methods
- STAT 561 Statistical Data Mining I
- STAT 562 Statistical Data Mining II
- STAT 570 Statistical Consulting
- STAT 583 Fundamentals of Data Analysis
- STAT 595 Topics in Statistics
- STAT 597 Research Methods in Statistical Science

Computer Science, Math and/or Statistics Electives

- STAT 552 Intermediate Statistics Methods
- STAT 597 Research Methods in Statistical Science

Culminating Experience

Select one of the following options:

Thesis Option

- STAT 698 Master's Thesis

Comprehensive Examination

In the term that you will sit for exam, register for the section which matches your major & advisor. Successfully pass exam.

- GRAD CMP Comprehensive Examination

Total Credits

33

1 Complete as a Statistical or Other Elective. Submit thesis hard copy to Graduate Adm and Support Services.