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

##Program Requirements

9 credits will be applied from the Undergraduate program

###Statistics Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 542</td>
<td>Statistical Theory I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 543</td>
<td>Statistical Theory II</td>
<td>3</td>
</tr>
<tr>
<td>STAT 544</td>
<td>Statistical Computing</td>
<td>3</td>
</tr>
<tr>
<td>STAT 547</td>
<td>Design and Analysis of Experiments</td>
<td>3</td>
</tr>
<tr>
<td>STAT 548</td>
<td>Applied Regression Analysis</td>
<td>3</td>
</tr>
</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 3
- STAT 597 Research Methods in Statistical Science 3

###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 0

| Total Credits | 33 |

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