# APPLIED STATISTICS - CERTIFICATE

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select four of the following:</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>STAT 601</td>
<td>Statistical Analysis</td>
<td></td>
</tr>
<tr>
<td>STAT 604</td>
<td>Topics in Statistical Computations</td>
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</tr>
<tr>
<td>STAT 607</td>
<td>Sampling</td>
<td></td>
</tr>
<tr>
<td>STAT 608</td>
<td>Regression Analysis</td>
<td></td>
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<tr>
<td>STAT 626</td>
<td>Methods in Time Series Analysis</td>
<td></td>
</tr>
<tr>
<td>STAT 631</td>
<td>Statistical Methods in Finance</td>
<td></td>
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<tr>
<td>STAT 636</td>
<td>Applied Multivariate Analysis and Statistical Learning</td>
<td></td>
</tr>
<tr>
<td>STAT 638</td>
<td>Introduction to Applied Bayesian Methods</td>
<td></td>
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<tr>
<td>STAT 642</td>
<td>The Methods of Statistics II</td>
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<tr>
<td>STAT 645</td>
<td>Applied Biostatistics and Data Analysis</td>
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<tr>
<td>STAT 646</td>
<td>Statistical Bioinformatics</td>
<td></td>
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<tr>
<td>STAT 647</td>
<td>Spatial Statistics</td>
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<tr>
<td>STAT 651</td>
<td>Statistics in Research I</td>
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<tr>
<td>STAT 652</td>
<td>Statistics in Research II</td>
<td></td>
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<tr>
<td>STAT 653</td>
<td>Statistics in Research III</td>
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<tr>
<td>STAT 656</td>
<td>Applied Analytics Using SAS Enterprise Miner</td>
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<tr>
<td>STAT 657</td>
<td>Advanced Programming Using SAS</td>
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</tr>
<tr>
<td>STAT 659</td>
<td>Applied Categorical Data Analysis</td>
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</table>

**Total Semester Credit Hours**: 12

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1. Students must have a 3.00 GPA over the four courses in order to receive the statistics certificate.