## Statistics (MR): Financial Concentration

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 501</td>
<td>Fundamentals of Statistical Inference I</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>ST 502</td>
<td>Fundamentals of Statistical Inference II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 503</td>
<td>Fundamentals of Linear Models and Regression</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 542</td>
<td>Statistical Practice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 555</td>
<td>Statistical Programming I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 517 &amp; ST 518</td>
<td>Applied Statistical Methods I and Applied Statistical Methods II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 528</td>
<td>Options and Derivatives Pricing</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>MA 547</td>
<td>Stochastic Calculus for Finance</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select three credit hours of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 534</td>
<td>Applied Time Series</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 540</td>
<td>Applied Bayesian Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 711</td>
<td>Design Of Experiments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 537</td>
<td>Applied Multivariate and Longitudinal Data Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 744</td>
<td>Categorical Data Analysis</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours**: 30

### Faculty

- Sujit K. Ghosh
- Subhashis Ghosal
- Kevin Gross
- Marcia Lynn Gumpertz
- Jacqueline M. Hughes-Oliver
- Eric Benjamin Laber
- Wenbin Lu
- Ryan G. Martin
- Spencer V. Muse
- Jason A. Osborne
- Brian J. Reich
- Erin Mary Schliep
- Kimberly Sellers
- Rui Song
- Ana-Maria Staicu
- Leonard A. Stefanski
- Jeffrey L. Thorne
- Jung-Ying Tzeng
- Alyson Gabbard Wilson
- Fred Andrew Wright
- Daowen Zhang
- Xinge Jessie Jeng
- Arnab Maity
- Donald Eugene Kemp Martin
- Thomas W. Reiland
- Charles Eugene Smith
- Eric C. Chi
- Emily Hector
- Karl Timothy LeRoy Pazdernik
- Srijan Sengupta
- Jonathan W. Stallrich
- Minh Tang
- Jonathan Paul Williams
- Luo Xiao
- Shu Yang
- Jonathan W. Duggins
Assistant Professors

Annie Booth

Nathaniel Josephs