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>Select three credit hours of the following:</td>
<td></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>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>30</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Faculty

Full Professors

Dennis D. Boos

Associate Professors

Xinge Jessie Jeng

Arnab Maity

Donald Eugene Kemp Martin

Thomas W. Reiland

Charles Eugene Smith

Assistant Professors

Eric C. Chi

Emily Hector

Srijan Sengupta

Jonathan W. Stallrich

Minh Tang

Jonathan Paul Williams

Luo Xiao
Shu Yang

Practice/Research/Teaching Professors
Jonathan W. Duggins
Emily H. Griffith
Herle M. McGowan
Logan J. Opperman
Justin B. Post
Paul R. Savariappan
Shuting Wang

Emeritus Faculty
William Reid Atchley
Peter Bloomfield
Cavell Brownie
David Alan Dickey
Thomas Michael Gerig
Harvey J. Gold
Thomas Johnson
John F. Monahan
Kenneth Hugh Pollock
Charles P. Quesenberry
John Oren Rawlings
Don L. Ridgeway
Moon Won Suh
William H. Swallow
Anastasios A. Tsiatis
John L. Wasik

Adjunct Faculty
Howard D. Bondell
Soumendra Nath Lahiri
Alison Anne Motsinger-Reif
Eric A. Stone
Yichao Wu