Statistics (MR): Financial Concentration

Degree Requirements

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 501/701</td>
<td>Fundamentals of Statistical Inference I</td>
<td>7</td>
</tr>
<tr>
<td>ST 502/702</td>
<td>Fundamentals of Statistical Inference II</td>
<td>7</td>
</tr>
<tr>
<td>ST 503/705</td>
<td>Fundamentals of Linear Models and Regression</td>
<td>3</td>
</tr>
<tr>
<td>ST 542</td>
<td>Statistical Practice</td>
<td>3</td>
</tr>
<tr>
<td>ST 555</td>
<td>Statistical Programming I</td>
<td>3</td>
</tr>
<tr>
<td>ST 517</td>
<td>Applied Statistical Methods I</td>
<td>3</td>
</tr>
<tr>
<td>&amp; ST 518</td>
<td>and Applied Statistical Methods II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Core Courses Hours: 21

Concentration Requirements

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 528</td>
<td>Options and Derivatives Pricing</td>
<td>3</td>
</tr>
<tr>
<td>MA 547</td>
<td>Financial Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Select three credit hours of the following:</td>
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<tr>
<td>ST 534</td>
<td>Applied Time Series</td>
<td>3</td>
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<tr>
<td>ST 540</td>
<td>Applied Bayesian Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ST 711</td>
<td>Design Of Experiments</td>
<td>3</td>
</tr>
<tr>
<td>ST 537</td>
<td>Applied Multivariate and Longitudinal Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ST 744</td>
<td>Categorical Data Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Required Courses Hours: 9

Total Hours: 30

Faculty

Full Professors

- Dennis D. Boos
- Marie Davidian
- Sujit K. Ghosh
- Subhashis Ghoshal
- 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
- Rui Song
- Ana-Maria Staicu
- Leonard A. Stefanski
- Jeffrey L. Thorne
- Jung-Ying Tzeng
- Alyson Gabbard Wilson
- Fred Andrew Wright
- Daowen Zhang

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
Statistics (MR): Financial Concentration

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

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