Statistics (MR): Environmental Statistics Concentration

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 501/701</td>
<td>Fundamentals of Statistical Inference I</td>
<td></td>
</tr>
<tr>
<td>ST 502/702</td>
<td>Fundamentals of Statistical Inference II</td>
<td></td>
</tr>
<tr>
<td>ST 503/705</td>
<td>Fundamentals of Linear Models and Regression</td>
<td></td>
</tr>
<tr>
<td>ST 542</td>
<td>Statistical Practice</td>
<td></td>
</tr>
<tr>
<td>ST 555</td>
<td>Statistical Programming I</td>
<td></td>
</tr>
<tr>
<td>ST 517</td>
<td>Applied Statistical Methods I</td>
<td></td>
</tr>
<tr>
<td>&amp; ST 518</td>
<td>and Applied Statistical Methods II</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 533/733</td>
<td>Applied Spatial Statistics</td>
<td><strong>6</strong></td>
</tr>
<tr>
<td>ST 711</td>
<td>Design Of Experiments</td>
<td></td>
</tr>
<tr>
<td>ST 534</td>
<td>Applied Time Series</td>
<td></td>
</tr>
<tr>
<td>ST 537</td>
<td>Applied Multivariate and Longitudinal Data Analysis</td>
<td></td>
</tr>
<tr>
<td>ST 744</td>
<td>Categorical Data Analysis</td>
<td></td>
</tr>
<tr>
<td>ST 745</td>
<td>Analysis of Survival Data</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>33</strong></td>
</tr>
</tbody>
</table>

*Elective courses can fall within the following subjects: Environmental Policy, Economics, Epidemiology, Toxicology/Risk Assessment, Mathematics, MEAS, GIS, Botany & Ecology, Biomathematics, and Zoology.

Faculty

Full Professors

Dennis D. Boos
Marie Davidian
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
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
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