## Statistics (MR): Environmental Statistics Concentration

### Degree Requirements

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

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

- 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
- 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
Statistics (MR): Environmental Statistics Concentration

Jonathan W. Stallrich
Minh Tang
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Luo Xiao
Shu Yang
Jonathan W. Duggins
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Justin B. Post
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Shuting Wang
William Reid Atchley
Peter Bloomfield
Cavell Brownie
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Thomas Michael Gerig
Harvey J. Gold
Thomas Johnson
John F. Monahan
Kenneth Hugh Pollock
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John Oren Rawlings
Don L. Ridgeway
Moon Won Suh
William H. Swallow
Anastasios A. Tsiatis
John L. Wasik
Howard D. Bondell
Soumendra Nath Lahiri
Alison Anne Motsinger-Reif
Eric A. Stone
Yichao Wu

Assistant Professors

Annie Booth
Nathaniel Josephs