Master of Statistics 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>3</td>
<td>21</td>
</tr>
<tr>
<td>ST 502</td>
<td>Fundamentals of Statistical Inference II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 503</td>
<td>Fundamentals of Linear Models and Regression</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 542</td>
<td>Statistical Practice</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 555</td>
<td>Statistical Programming I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 517 &amp; ST 518</td>
<td>Applied Statistical Methods I and Applied Statistical Methods II</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**Elective Courses**

Select nine credit hours of any ST course or ST cross-listed course at either the 500-level or 700-level.

Total Hours: 30

* "Elective Courses" exclude "Core Courses", ST 507, ST 508, ST 511, ST 512, ST 513, ST 514, ST 515, and ST 516.

**Accelerated Bachelor's/Master's Degree Requirements**

The Accelerated Bachelor's/Master's (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesis-based Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

**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
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