Statistics (MS)

Degree Requirements

Students who are admitted into the Master of Statistics program and choose to complete a thesis will be moved into the Master of Science in Statistics. The degree requirements completed for the Master of Statistics will be applied toward the Master of Science.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<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>21</td>
</tr>
<tr>
<td>ST 503</td>
<td>Fundamentals of Linear Models and Regression</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>ST 542</td>
<td>Statistical Practice</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>ST 555</td>
<td>Statistical Programming I</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>ST 517 &amp; ST 518</td>
<td>Applied Statistical Methods I and Applied Statistical Methods II</td>
<td>3-6</td>
<td></td>
</tr>
</tbody>
</table>

|        | **Elective Courses**                                                 | 3-6   |                |
|        | Select 3-6 credit hours of any ST course or ST cross-listed course at either the 500-level or 700-level |

|        | **Thesis**                                                           | 3-6   |                |
|        | ST 695                                                              | Master's Thesis Research | |

**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 Bachelors/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

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
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
Jonathan W. Stallrich
Minh Tang
Jonathan Paul Williams
Luo Xiao
Shu Yang
Jonathan W. Duggins
Emily H. Griffith
Herle M. McGowan
Logan J. Opperman
Justin B. Post
Paul R. Savariappan
Shuting Wang
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
Howard D. Bondell
Soumendra Nath Lahiri
Alison Anne Motsinger-Reif
Eric A. Stone
Yichao Wu