

# Statistics (MS)

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## 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.

Code	Title	Hours	Counts towards
<b>Core Courses</b>			<b>21</b>
ST 501	Fundamentals of Statistical Inference I		
ST 502	Fundamentals of Statistical Inference II		
ST 503	Fundamentals of Linear Models and Regression		
ST 542	Statistical Practice		
ST 555	Statistical Programming I		
ST 517 & ST 518	Applied Statistical Methods I and Applied Statistical Methods II		
<b>Elective Courses</b>			<b>3-6</b>
Select 3-6 credit hours of any ST course or ST cross-listed course at either the 500-level or 700-level *			
<b>Thesis</b>			<b>3-6</b>
ST 695	Master's Thesis Research		
<b>Total Hours</b>			<b>30</b>

\* "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

### Department Head

K. Sellers

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### Associate Department Heads

E. Griffith

W. Lu

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### Director of Statistics Graduate Programs

W. Lu

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### Director of Statistics Undergraduate Programs

S. Muse

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### Director of Online Programs

J. Post

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### Director of Bioinformatics Research Center

F. Wright

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### Director of Bioinformatics Graduate Program

S. Muse

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### R.A. Fisher Distinguished Professor of Statistics

L. Stefanski

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### J. Stuart Hunter Distinguished Professor

M. Davidian

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### Cox Distinguished Professor of Statistics

B. Reich

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### **Alumni Distinguished Graduate Professors**

M. Davidian

A. Wilson

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### **Alumni Distinguished Undergraduate Professors**

T. Reiland

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### **Goodnight Innovation Distinguished Professor**

F. Wright

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### **University Distinguished Professor**

S. Ghoshal

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### **Professors**

D.D. Boos

M. Davidian

S. Ghosal

S.K. Ghosh

K. Gross

M. Gumpertz

W. Lu

A. Maity

R. Martin

S. Muse

J. Osborne

B. Reich

K. Sellers

A. Staicu

L.A. Stefanski

J.-Y. Tzeng

A. Wilson

F. Wright

D. Zhang

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### **Associate Professors**

J. Jeng

D. Martin

T.W. Reiland

E. Schliep

S. Sengupta

C.E. Smith

J. Stallrich

L. Xiao

S. Yang

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### **Assistant Professors**

A. Booth

E. Hector

N. Josephs

L. Opperman

M. Tang

J. Williams

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### **Teaching Associate Professors**

J. Duggins

H. McGowan

J. Post

P. Savariappan

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### **Teaching Assistant Professors**

J. Duggins

E. Meyer

L. Opperman

S. Wang

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### **Associate Professor of the Practice**

E. Griffith

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## Lecturers

D.Harris

R. Danaher

T. Johnson

M. Winters

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## Professor Emeriti

P. Bloomfield

D. Dickey

T. Gerig

M. Gumpertz

J. Hughes-Oliver

J. Monahan

W. Swallow

J. Thorne

A. Tsiatis

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## Associate and Adjunct Faculty

H. Bondell

J. Guinness

I. Ipsen

A. Motsinger-Reif

Y. Zhou