

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.

Code	Title	Hours
Core Courses		21
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	
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

Department Head

K. Sellers

Associate Department Heads

E. Griffith

W. Lu

Director of Statistics Graduate Programs

W. Lu

Director of Statistics Undergraduate Programs

S. Muse

Director of Online Programs

J. Post

Director of Bioinformatics Research Center

F. Wright

Director of Bioinformatics Graduate Program

S. Muse

R.A. Fisher Distinguished Professor of Statistics

L. Stefanski

J. Stuart Hunter Distinguished Professor

M. Davidian

Cox Distinguished Professor of Statistics

B. Reich

Alumni Distinguished Graduate Professors

M. Davidian

A. Wilson

Alumni Distinguished Undergraduate Professors

T. Reiland

Goodnight Innovation Distinguished Professor

F. Wright

University Distinguished Professor

S. Ghoshal

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

Associate Professors

J. Jeng

D. Martin

T.W. Reiland

E. Schliep

S. Sengupta

C.E. Smith

J. Stallrich

L. Xiao

S. Yang

Assistant Professors

A. Booth

E. Hector

N. Josephs

L. Opperman

M. Tang

J. Williams

Teaching Associate Professors

J. Duggins

H. McGowan

J. Post

P. Savariappan

Teaching Assistant Professors

J. Duggins

E. Meyer

L. Opperman

S. Wang

Associate Professor of the Practice

E. Griffith

Lecturers

D.Harris

R. Danaher

T. Johnson

M. Winters

Professor Emeriti

P. Bloomfield

D. Dickey
T. Gerig
M. Gumpertz
J. Hughes-Oliver
J. Monahan
W. Swallow
J. Thorne
A. Tsiatis

Associate and Adjunct Faculty

H. Bondell
J. Guinness
I. Ipsen
A. Motsinger-Reif
Y. Zhou