

Statistics (PhD)

Degree Requirements

Code	Title	Hours
Required Course Work		12
ST 779	Advanced Probability for Statistical Inference	
ST 793	Advanced Statistical Inference	
ST 758	Computation for Statistical Research	
ST 841	Statistical Consulting ¹	
Ethics Sequence		
ST 810	Advanced Topics in Statistics	
& PHI 816	and Introduction to Research Ethics (Ethics in Statistics)	
Core Elective Courses		9
Select nine credit hours of the following:		
ST 732	Longitudinal Data Analysis	
ST 733	Spatial Statistics	
ST 740	Bayesian Inference and Analysis	
ST 746	Introduction To Stochastic Processes	
ST 790	Advanced Special Topics	
Supporting Elective Courses		3
Select a minimum of three credit hours of coursework approved in conjunction with the academic committee ²		
Additional Courses		48
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours ³		
Total Hours		72

¹ Unless student has taken ST 542 Statistical Practice

² A 500-level or 700-level course in either statistics or another department with material relevant to the student's plan of work. Examples include ST 520, ST 531, ST 533, ST 534, ST 537, ST 540, ST 544, ST 546/MA 546, ST 563, ST 721, ST 732, ST 733, ST 740, ST 745, ST 746, ST 747/MA 747, and ST 790

³ Additional courses may include ST 801, ST 895 and courses taken from a Master of Statistics or Master of Science in Statistics degree at NCSU.

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

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D. Zhang

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C.E. Smith

J. Stallrich

L. Xiao

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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

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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