

Statistics (PhD)

Degree Requirements

Code	Title	Hours	Counts towards
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 & PHI 816	Advanced Topics in Statistics 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 733, ST 744 and ST 745.

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

Faculty

- 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
- 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