

Electrical Engineering (MS)

Master of Science Degree Requirements

Degrees earned will be distributed as: "Master of Science in Electrical Engineering" without specialty or option specifications.

Code	Title	Hours	Counts towards
Required Courses			1
ECE 600	ECE Graduate Orientation		
Core Courses ¹			21
"Core Courses" are approved in conjunction with the academic committee			
Depth Courses	Select at least three credit hours of 700-level courses		
Major Courses	Select at least 15 credit hours of EE courses		
Breadth Course	Select at least three credit hours in different ECE specialites		
Additional Courses			9
"Additional Courses" are approved in conjunction with the academic committee to meet 31 total hours			
Total Hours			31

¹ Students are only allowed three credit hours of ECE 633, ECE 634, ECE 650, ECE 695 (for Thesis students).

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

Full Professors

David E Aspnes
 B. Jayant Baliga
 Mesut E. Baran
 Salah M. A. Bedair
 Subhashish Bhattacharya
 Donald L. Bitzer
 Alper Yusuf Bozkurt
 Gregory T Byrd
 Rada Yuryevna Chirkova
 Mo-Yuen Chow
 Huaiyu Dai
 William Rhett Davis
 Alexandra Duel-Hallen
 Michael James Escuti
 Do Young Eun
 Brian Allan Floyd
 Paul D. Franzon
 Edward F. Gehringer
 John J. Grainger
 Edward Grant
 Robert Wendell Heath
 Brian L Hughes
 Iqbal Husain
 Ki Wook Kim
 Frederick Anthony Kish Jr.
 Robert Michael Kolbas
 Hamid Krim
 Ning Lu
 Srdjan Miodrag Lukic
 Leda Lunardi
 Thomas Kenan Miller III
 Veena Misra
 Rainer Frank Mueller

John F. Muth
H. Troy Nagle Jr.
Jagdish Narayan
Arne Nilsson
Omer Oralkan
Mehmet Cevdet Ozturk
Harilaos George Perros
Douglas Stephen Reeves
Eric Rotenberg
Georgios Rouskas
Xipeng Shen
Mihail Lorin Sichitiu
Zlatko Sitar
Matthias F. M. Stallmann
Daniel D. Stancil
Michael B. Steer
J. K. Townsend
James Tuck
Daryoosh Vashae
John Victor Veliadis
Ioannis Viniotis
Mladen Alan Vouk
Wenye Wang
Jonathan Wierer
Fen Wu
Huiyang Zhou

Associate Professors

Jacob James Adams
Dror Zeev Baron
Michela Becchi
Aranya Chakraborty
Alexander G. Dean
Ismail Guvenc
Khaled Abdel Hamid Harfoush

Michael W. Kudenov
David S. Lalush
Edgar Lobaton
Zeljko Pantic
Nuria Gonzalez Prelicic
David Ricketts
Nitin Sharma
Cranos M. Williams

Assistant Professors

Aydin Aysu
Amay Jairaj Bandodkar
Michael Daniele
Caterina M. Gallippi
Yaoyao Jia
Shih-Chun Lin
Spyridon Pavlidis
Bradley Galloway Reaves
Muhammad Shahzad
Wenyuan Tang
Chau-Wai Wong
Tianfu Wu

Practice/Research/Teaching Professors

Jordan Besnoff
Gregory Edward Bottomley
Laura J Bottomley
James Paul Dieffenderfer
Robert Joseph Evans
Rachana Ashok Gupta
Seth E. Hollar
Douglas C. Hopkins
Andrew J. Rindos III
Steven D. Jackson
Robert Dwight Oden Jr.

Bongmook Lee

David Lee Lubkeman

Hatice Orun Ozturk

Tania Milkova Paskova

Elena Nicolescu Veety

Leonard Wilson White

Donna G Yu

Wensong Yu

Professors Emeritus

George F. Bland

John R. Hauser

Wilbur Carroll Peterson

Winser E. Alexander PhD

Tildon H Glisson Jr

Michael A. Littlejohn

Carlton M. Osburn

Sarah Ann Rajala

Wesley E. Snyder

Adjunct Faculty

Mihail Devetsikiotis

Yan Solihin