

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
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

Harald Ade

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 Vashaei

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

Stanley Cheung

Alexander G. Dean

Sevgi Gurbuz

Ali Gurbuz

Ismail Guvenc

Khaled Abdel Hamid Harfoush

Michael W. Kudenov

David S. Lalush

Edgar Lobaton

Zeljko Pantic

Nuria Gonzalez Prelcic

Anderson Rodrigo de Queiroz

David Ricketts

Nitin Sharma

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Assistant Professors

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Amay Jairaj Bandodkar

Michael Daniele

Demetry Farfurnik

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Yuan Liu

Jianqing Liu

Spyridon Pavlidis

Bradley Galloway Reaves

Muhammad Shahzad

Wenyuan Tang

Chau-Wai Wong

Tianfu Wu

Chenhan Xu

Practice/Research/Teaching Professors

Jordan Besnoff

Gregory Edward Bottomley

Laura J Bottomley

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Robert Joseph Evans

John Gajda

Rachana Ashok Gupta

Seth E. Hollar

Douglas C. Hopkins

Andrew J. Rindos III

Steven D. Jackson

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Bongmook Lee

David Lee Lubkeman

Hatice Orun Ozturk

Tania Milkova Paskova

James Lee Reynolds

Elena Nicolescu Veety

Leonard Wilson White

Donna G Yu

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Professors Emeritus

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Wilbur Carroll Peterson

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Adjunct Faculty

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Teaching Associate Professors

Mihail Cutitaru

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