Electrical Engineering (PhD)

Degree Requirements

Degrees earned will be distributed as: "Doctor of Philosophy Electrical Engineering" without track specifications.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
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<tr>
<td>ECE 600</td>
<td>ECE Graduate Orientation</td>
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Select a minimum of two 700-level ECE courses

Select a Master's Track

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<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>ECE 833</td>
<td>Individual Topics In Electrical Engineering</td>
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<tr>
<td>ECE 834</td>
<td>Individual Studies In Electrical Engineering</td>
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<tr>
<td>ECE 895</td>
<td>Doctoral Dissertation Research</td>
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Total Hours 72

Master's Tracks

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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td></td>
<td>Non-NCSU Masters Requirements</td>
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<td>Select six credit hours</td>
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<td></td>
<td>Select six additional credit hours (ECE or other)</td>
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Total Hours 12

<table>
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<th>Counts towards</th>
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<tbody>
<tr>
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<td>Requirements for Students w/out Master's Degree</td>
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<td>Select 18 ECE credit hours</td>
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<td>Select 12 additional credit hours (ECE or other)</td>
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Total Hours 30

Faculty

Full Professors

David E Aspnes
B. Jayant Baliga
Mesut E. Baran
Salah M. A. Bedair
Subhashish Bhattacharya

Donald L. Bitzer
Aper 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 Vashaee
John Victor Veliadis
Ioannis Viniotis
Mladen Alan Vouk
Wenyue Wang
Jonathan Wierer
Fen Wu
Huiyang Zhou

Associate Professors
Jacob James Adams
Dror Zeev Baron
Michela Becchi
Aranya Chakrabortty
Alexander G. Dean
Ismail Guvenc
Khaled Abdel Hamid Harfoush
Michael W. Kudenov
David S. Lalush
Edgar Lobaton
Zeljko Pantic
Nuria Gonzalez Prelcic
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