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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 600</td>
<td>ECE Graduate Orientation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select a minimum of two 700-level ECE courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select a Master's Track</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 833</td>
<td>Individual Topics In Electrical Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 834</td>
<td>Individual Studies In Electrical Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 895</td>
<td>Doctoral Dissertation Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>72</td>
<td></td>
</tr>
</tbody>
</table>

Master's Tracks

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Non-NCSU Masters Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select six credit hours</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select six additional credit hours</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(ECE or other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

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

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
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 Milкова 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