Computer Engineering (MS)

Master of Science Degree Requirements

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ECE 600</td>
<td>ECE Graduate Orientation</td>
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<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td>21</td>
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</tbody>
</table>
|      | "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 Specialities        |       |
|      | Select at least three credit hours in different ECE Specialties |
|      | **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

- B. Jayant Baliga
- Mesut E. Baran
- Salah M. A. Bedair
- Subhashish Bhattacharya
- 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
- John J. Grainger
- Edward Grant
- 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.
- Arne Nilsson
- Omer Oraikan
- Mehmet Cevdet Ozturk
- Harilaos George Perros
- Douglas Stephen Reeves
- Eric Rotenberg
- Mihail Lorin Sichitiu
- Daniel D. Stancil
- Michael B. Steer
- J K Townsend
James Tuck
Daryoosh Vashaee
John Victor Veliadis
Ioannis Viniotis
Wenyue Wang
Huiyang Zhou

**Associate Professors**
Jacob James Adams
Samuel T. Alexander
Dror Zeev Baron
Michela Becchi
Aranya Chakrabortty
Alexander G. Dean
Ismail Guvenc
Khaled Abdel Hamid Harfoush
Michael W. Kudenov
Edgar Lobaton
Zeljko Pantic
David Ricketts
Cranos M. Williams
Chengying Xu

**Assistant Professors**
Aydin Aysu
Michael Daniele
Yaoyao Jia
Shih-Chun Lin
Spyridon Pavlidis
Bradley Galloway Reaves
Muhammad Shahzad
Wenyuan Tang
Chau-Wai Wong
Tianfu Wu
Laura J. Bottomley
James Paul Dieffenderfer
Robert Joseph Evans
Douglas C. Hopkins
Steven Wade Hunter
Steven D. Jackson
Bongmook Lee
David Lee Lubkeman
Robert Dwight Oden Jr.
Hatice Orun Ozturk
Veety, Elena Nicolescu
Tania Milkova Paskova
Andrew J. Rindos III
Elena Nicolescu Veety
Leonard Wilson White
Donna G. Yu
Wensong Yu

**Emeritus Faculty**
Winser E. Alexander
George F. Bland
David H. Covington
Tildon H. Glisson Jr.
John R. Hauser
Michael A. Littlejohn
David Franklin McAllister
Carlton M. Osburn
Wilbur Carroll Peterson
Sarah Ann Rajala
Wesley E. Snyder

**Practice/Research/Teaching Professors**
Gregory Edward Bottomley