Computer Networking

The Master of Science in computer networking may be earned through the M.S. with thesis option or through the non-thesis option. Either option may be used as preparation for further graduate study or employment in industrial research, development or design environment, although students planning to continue on for a Ph.D. should discuss the option selected with their advisors.

The Master of Science in Computer Networking is also available as an online degree program. This degree has a non-thesis option, does not require on campus attendance, and may be used in preparation for further graduate student or employment in an industrial research, development or design environment. The program is available to USA residents and to United States military personnel serving overseas and it is offered online through Engineering Online (https://www.engineeringonline.ncsu.edu/).

Admission Requirements
Admissions criteria will adhere to those currently listed on the program website (https://www.networking.ncsu.edu/).

Master’s Degree Requirements
Computer networking core courses constitute 9 of the 30 minimum credit hours. Students take 12 additional credit hours of computer networking courses from one of four currently defined technical concentration areas: network design, network hardware, network software, or networking services. The remaining 9 credit hours may be taken from an approved management concentration sequence, as additional courses in the computer networking technical concentration areas, or as 6 hours of thesis and 3 credit hours from the list of approved computer networking courses. At least 6 of the 30 credits must come from the 700 level, and non-letter graded courses such as individual studies courses may account for a maximum of 3 credit hours.

Degrees
- Computer Networking (MS) (http://catalog.ncsu.edu/graduate/engineering/computer-networking/computer-networking-ms/)

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
Srđan Miodrag Lukic
Leda Lunardi
Thomas Kenan Miller III
Veena Misra
Rainer Frank Mueller
John F. Muth
H. Troy Nagle Jr.
Arne Nilsson
Omer Oralkan
Mehmet Cevdet Ozturk
Harlaos 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
Wenye Wang  
Huiyang Zhou

Associate Professors
Jacob James Adams  
Samuel T. Alexander  
Dror Zeev Baron  
Michela Becchi  
Aranya Chakraborty  
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

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  
Laura J. Bottomley  
James Paul Dieffenderfer  
Robert Joseph Evans  
Douglas C. Hopkins