ACADEMICS

Undergraduate degree programs
- Bachelor of Science in Computer Science*
- Game Development Concentration
- Undergraduate Minor, Computer Programming
- Certificate in Computer Programming

Graduate degree programs
- Ph.D.
- Master of Science (Thesis and non-thesis options)
- Master of Computer Science (Professional degree, non-thesis, with on-campus or Distant Education options)
- Master of Networking (Thesis and non-thesis options) with available concentration in Service Sciences, Management and Engineering (SSME)
- Accelerated Bachelor's/Master's (ABM) Degree Program*

Faculty Honors
- 19 National Science Foundation CAREER Award recipients and 1 NSF Young Investigator Award recipient
- National Academy of Engineering member
- Emmy Award recipient, National Academy of Television Arts & Sciences - for plasma screen technology
- Consumer Electronics Hall of Fame Inductee
- DOE Early Career PI Award recipient
- American Academy of Forensic Sciences (AAFS) Assoc. Member
- 2 Senior Research Ethics Fellows
- Alcoa Foundation Engineering Research Achievement Award recipient
- 9 members in NC State Academy of Outstanding Teachers
- NC State Academy of Outstanding Faculty Engaged in Extension member
- 3 named professors

Key Statistics
- Established in 1967 - one of the first official computer science departments to be established in the country
- 40 faculty, 4 emeritus faculty, 10 lecturers & adjuncts, and 26 research, IT and administrative staff
- Rankings:
  - 3rd among online master's degree programs (Best Buy Online Degree, 2008)¹
  - 5th in Computer Science MS enrollment²
  - 6th in Computer Science PhD enrollment²
  - 7th in Computer Science undergraduate enrollment²
  - 9th in Computer Science BS degrees awarded²
  - 14th in Computer Science research expenditures²
  - 15th in Computer Science MS degrees awarded²
  - 16th in Computer Science PhD degrees awarded²
  - 29th (tied) in Graduate Computer Science Program rankings among public universities³

Enrollment 2009-10
- Undergraduate 656
- Master’s 329
- Doctoral 165
Key Statistics (continued)
- Incoming freshmen Fall 2009
  - Average GPA: 4.22 (weighted scale)
  - Most admissions between 4.07 - 4.5.
  - Average SAT: 1266 (reading & math only). Most admissions fall between 1180 - 1330.
  - Top 10% of class: 50%
- Facilities
  - EBII, state-of-the-art teaching and research facility opened in fall 2005
  - 12 research centers and more than 35 teaching and research laboratories and groups
  - Leading-edge networking and computational infrastructure
- Designated by NSA & DHS as a National Center of Excellence in Information Assurance Research (CAE-R).
- Academic Alliance Member of National Center for Women & Info Technology.
- First U.S. university to be awarded a Cisco TelePresence unit.
- First U.S. research university to offer multi-disciplinary masters-level curricula in services (SSME).
- Recognized as a Laureate in 2007 & 2009 in Computerworld Honors Program.

Areas of Expertise
- Theory and algorithms
- Bioinformatics and computational sciences
- High-performance & power aware systems
- Artificial intelligence
- Networks
- Security
- Software engineering
- Computer-based education
- Graphics and visualization

The faculty foster strong multidisciplinary and collaborative interaction with other disciplines at NC State (e.g., Bio-informatics, eCommerce, serious games, etc.), other universities, industry, government agencies and laboratories, and other partners in the Research Triangle and beyond.

Opportunities
- Research with faculty - research centers and groups, scholars and honors programs
- Applied learning - award-winning capstone Senior Design Center projects
- The department has a variety of student organizations providing leadership skills, service, networking, and informal learning opportunities, including:
  - ACM/AITP
  - Graduate Student Association
  - Honors Program/ Honor Societies
  - Linux Users Group
  - Video Game Development Club
  - Women in Computer Science

- National competitions and recognition:
  - Previous student honors include 1st place in CSIDC World Finals in 2005 and 2006,
  - ACM Grand Award, Google Anita Borg Scholarship, IBM's Extreme Blue Internships, USA Today Academic All American.
  - CSC-specific scholarships: 12 endowed and numerous sponsored and external
  - CSC students are also eligible for College of Engineering and University-wide scholarships. Details available at www.csc.ncsu.edu/academics/undergrad/scholarships.
  - More than 75 companies actively partner with the department via sponsored programs, research, scholarships, projects and initiatives.

Careers
- Average starting salaries, May. 2009
  - BS CSC - $55,500 (range 30-75K)
  - MS CSC - $77,272 (range 55-90K)
- Proximity to world-famous Research Triangle Park (RTP) provides many opportunities for internships and co-ops. Approximately 25% of all NC State Engineering co-ops are from the department of Computer Science.
- NC State is a top supplier of new graduate talent to Cisco, IBM, SAS, AT&T, Progress Energy, Tekelce, Red Hat, NetApp, Fidelity Investments, EMC and many others.
- Computer Science related career opportunities among the fastest growing over the next 10 years:
  - Network systems & data communication analysts
  - Computer software engineers, applications
  - Computer systems analysts
  - Computer software engineers, systems software

Select Distinguished Alumni
- Marshall Brain - Author, TV Star & Founder of HowStuffWorks.com
- Keith Collins - CTO, SAS Institute; NC State Distinguished Engineering Alumnus (DEA)
- Suzanne Gordon - CIO, SAS Institute; NC State Board of Trustees Member
- Dr. Larry Hodges - NSF Flagship Director of the School of Computing at Clemson University
- Bobby Johnson - Former CEO and Co-founder of Foundry Networks; NC State Distinguished Engineering Alumnus (DEA)
- Richard Krueger - developed xRes (now Macromedia’s Fireworks), President & CEO of Skinux
- Dr. Elizabeth Mynatt - Director of Georgia Tech’s Graphics, Visualization & Usability Center
- John O’Neill - President, CTO & Founder of Spark Plug Games
- Rudy Puryear - ranked as one of world’s Top 25 Consultants by Consulting Magazine
- Erik Troan - Co-author of Red Hat Package Mgr and “Linux Application Development,” CTO of rPath

* Accredited by CAC/ABET
1 www.geteducated.com/rankings/best_computer.asp
2 ASEE data, 2007
3 U.S. News and World Report, 2008
4 NC State University Career Center
5 www.stats.bls.gov/opub/mlr/mlrhome.htm

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Our 5,800+ alumni are located in all 50 US states and in 24 countries.

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