

## Academics

### Undergraduate degree programs

- Bachelor of Science in Computer Science
- Undergraduate Minor, Computer Programming
- Certificate in Computer Programming

### Graduate degree programs

- Master of Science  
(Thesis and non-thesis options)
- Master of Computer Science  
(On campus and via Engineering Online)
- Master of Networking  
(Thesis and non-thesis options)
- Accelerated Bachelor's/Master's
- Ph.D.

## Faculty

### Areas of expertise

- Theory & algorithms
- Bioinformatics
- High-performance & power aware systems
- Artificial intelligence
- Networks
- Security
- Software Engineering
- Computer-based Education
- Graphics & visualization

The faculty foster strong multidisciplinary & collaborative interaction with other disciplines at NC State (e.g., Bioinformatics), other universities, industry, government agencies & laboratories, & other partners in the Research Triangle & beyond.

### Selected faculty honors

- 16 National Science Foundation CAREER Award recipients
- National Academy of Engineering member
- Emmy Award recipient, National Academy of Television Arts & Sciences—for plasma screen technology
- DOE Early Career PI Award recipient
- American Association for Artificial Intelligence Fellow
- Two Institute of Electrical and Electronics Engineers [IEEE] Fellows
- Computing Research Association [CRA] Digital Government Fellow & Defense Science Study Group member
- Consumer Electronics Hall of Fame Inductee
- Alcoa Foundation Engineering Research Achievement Award recipient
- Seven members in the NC State Academy of Outstanding Teachers
- **Three named professors**

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### Opportunities

- Research with faculty in research centers and groups, plus Accelerated Undergraduate Research In Computer Science (AURICS) and the Honors Program
- Applied learning through the capstone project courses: Senior Design, Networking, Graphics
- Student organizations: leadership skills, service, networking, informal learning
- National competitions & recognition: Previous student honors include 1st place in CSIDC 2005 World Finals, ACM Grand Award, Google Anita Borg Scholarship, IBM's Extreme Blue Internships, USA Today Academic All American.

## Highlights

- Established in 1967 - one of the first computer science departments in the country
- 44 tenure-track faculty, 5 lecturers, 11 adjuncts, 19 associate faculty, 25 staff
- Rankings<sup>2</sup>
  - 3rd in bachelor's degrees awarded among computer science programs in engineering colleges (COEs); 6th, programs nationwide
  - 3rd, faculty size for programs within COEs [tied]; sixth nationwide [tied]
  - 8th, undergraduate enrollment, programs within COEs; 11th, nationwide
  - 14th, master's degrees awarded, programs within COEs; 16th, nationwide
  - Top 40, number of Ph.D.s awarded
  - Top 20, sponsored research funding
- Enrollment - 2005-06
 

Undergraduate	662
Master's	241
Doctoral	136
- Facilities
  - New building - on NC State's Centennial Campus, opened in fall 2005
  - 10 research centers
  - 30 teaching and research laboratories and groups
  - Leading-edge networking and computational infrastructure on NC State's Main & Centennial campuses
- NC State is an NSA Center for Academic Excellence in Information Assurance.

<sup>1</sup>B.S. in Computer Science accredited by CAC/ABET  
<sup>2</sup>ASEE data, 2003

Points of Interest

**Computer Science**  
at NC STATE