The Computer Science Department offers Bachelor of Science (BS), Master of Science (MS), Master of Engineering (MEng), and Doctoral (Ph.D.) degrees in Computer Science. The Department also offers an accelerated BS/MS degree in Computer Science and contributes to several additional degree programs at Virginia Tech, including:

- minors in CS, Cybersecurity, and Human-Computer Interaction (HCI).
- the BS in Computational Modeling & Data Analytics (CMDA).
- the PhD in Genetics, Bioinformatics & Computational Biology (GBCB).
- the online Masters of Information Technology (MIT).

### Faculty and Staff

**Faculty**
- 75 total
- 60 tenured/tenure-track (26 full, 12 assoc, 22 asst)
- 4 chaired professors
- 9 collegiate faculty
- 2 professors of practice
- 4 instructors

**Staff**
- 9 research scientists and post-docs
- 19 courtesy/affiliate faculty
- 17 administrative and support staff
- 14 administrative professional faculty

### Research Strengths and Impacts

The Computer Science Department supports highly productive faculty with a strong tradition of interdisciplinary research.

**Research Areas**
- Computational Biology & Bioinformatics
- Data Analytics, Machine Learning, & NLP
- Digital Education
- HPC & Computational Science
- Human Computer Interaction
- Theory & Algorithms
- Security
- Software Engineering
- Systems
- Quantum Computing

**Research Centers**
- Center for Human-Computer Interaction (CHCI)
- Sanghani Center for AI & Data Analytics (SCAIDA)
- STACK@VT (systems research)
- Center for Synergistic Environments for Experimental Computing (SEEC)

### The Computer Science Department at Virginia Tech...

**Presence**
- offers graduate programming in the Metro D.C. area with campuses in Falls Church and Arlington that house 11 faculty, 6 staff, and 156 graduate students.

**Partnership**
- enjoys a strong industrial partnership program with more than 90 companies. Benefits of this partnership include: fall & spring career fairs exclusively for CS undergraduate and graduate students; student engagement with experiential learning opportunities; and sponsorships for capstone learning projects.

**Leadership**
- is committed to diversity and inclusion and seeks to recruit and retain the most qualified individuals in the field. Since 2007, the percentage of undergraduate students identifying as female rose from 4% to 18%, and the number of female faculty has more than doubled.

**Inclusivity**
- is the leading participant in Virginia Tech's new Innovation Campus, under construction in Alexandria, VA.

Learn more about the Virginia Tech Department of Computer Science at cs.vt.edu