STRATEGICALLY LOCATED in the middle of the Telecom Corridor, which is home to hundreds of high-tech companies, the Computer Science Department is in the midst of a growth phase that includes addition of new programs in cybersecurity, information assurance, data sciences and interactive computing, hiring of a large number of new faculty, and a steep increase in external research funding.

CORE AREAS OF COMPUTER SCIENCE RESEARCH:
Research activities in the computer science department include a wide spectrum of investigations funded by federal and state governments and industry. Several institutes, housing a number of centers and dozens of laboratories, carry out research in the following areas:

- Algorithms
- Artificial Intelligence
- Automata and formal languages
- Bioinformatics
- Cloud computing
- Combinatorial optimization
- Computational complexity
- Computational geometry
- Computational logic
- Computer graphics
- Computer networks
- Computer vision
- Cryptography
- Cybersecurity
- Data sciences
- Databases
- Distributed systems and algorithms
- Embedded and real-time software
- Graph models
- Informational retrieval
- Intelligent systems
- Internet of things
- Machine learning
- Multi-agent systems
- Multimedia systems
- Natural language processing
- Networking and telecommunications
- Pattern recognition / image processing
- Programming languages and systems
- Simulation and modeling
- Software engineering
- Software maintenance
- Software verification and testing
- Virtual reality

Full-time Computer Science Faculty
86

Computer Science Research Expenditures (2014)
$8.4 Million

Computer Science Enrollment (2016)
Bachelor of Science: 2,100
Master of Science: 1,000
PhD: 150

Computer Science Degrees Granted (2015)
Bachelor of Science: 257
Master of Science: 521
PhD awarded: 21

PhD Tracks
- Computer Systems
- Data Science
- Information Assurance / Cyber Security
- Intelligent Systems
- Interactive Computing
- Networks & Telecom
- Software Engineering
- Computing Theory
FINANCIAL ASSISTANCE
Graduate assistantships feature a full tuition waiver and a stipend starting at $1,850/month and increasing to $2,150/month. Other opportunities include Jonsson School Distinguished Graduate Research Fellowships, the Computer Security and Information Assurance Scholarship for Service Program Fellowships, teaching assistantships and research assistantships. MS students on track to a PhD are also fully supported. Exceptional candidates are awarded a research excellence scholarship over and above the GA stipend.

ADDITIONAL FACTS
- CS faculty includes thirteen NSF CAREER award holders and three US Air Force Young Investigators.
- Ranked 29th internationally in the CACM Publication rankings for Computer Science graduate programs, 24th internationally for Software Engineering graduate programs.
- Received more than $35 Million in new research grants in 2011-2015. Ranked 34th nationally in research expenditure.*
- Ranked fourth in the nation among all CS departments in number of BS, MS and PhD computer science graduates produced.*
- Ranked third in the nation among all CS departments in number of women MS computer science graduates produced.*
- Ranked second in the nation among CS departments within Engineering Schools in number of women faculty.*
- One of the largest internship programs in the country with more than 700 interns placed in the most recent academic year
- Ranked 21st in the nation in 2014 LinkedIn ranking of best schools for software developers.
- CS alumni have started many successful companies. *Data from ASEE

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For more details, please visit cs.utdallas.edu

Explore our computer science faculty research summaries at: explorer.utdallas.edu