With computing at the heart of problem solving in all fields, the Department of Computer Science and Engineering works to tackle challenging problems that directly impact our society. The mission of the department is to develop the human and intellectual resources needed to meet the future technological challenges in the field of computing. This includes developing computer scientists and computer engineers for positions of leadership in industry, government and academia.

**Research Areas**
- Algorithms and Theory
- Artificial Intelligence, Intelligent Systems, Machine Learning, Natural Language Processing
- Bioinformatics, Computational Biology
- Computational Science
- Computer Architecture
- Computer Science Education
- Computer Vision
- Cyber-Physical Systems
- Cybersecurity
- Data Science
- Databases, Data Mining, Information Retrieval Systems
- Digital Humanities
- Electronic Design Automation and VLSI
- Embedded Systems
- Gaming
- Graphics, Visualization and Computational Fabrication
- Health
- Human-Computer Interaction
- Human-Centered Systems
- Networks
- Parallel and Distributed Computing
- Programming Languages, Compilers
- Robotics, Human-Robot Interaction
- Software and Software Engineering
- Systems

**Enrollment 2018**
- Undergraduate (excluding freshmen) 1,093
- Master's 240
- Ph.D. 164

**Student Success**
- Engineering Honors - Computer Science and Engineering 221
- Undergraduate Scholarships 120
- Participation in Internships and Co-ops 65%
- Engagement in Undergraduate Research Opportunities 25%

**Student Diversity**
- **Undergraduate**
  - Female 15%
  - Hispanic 19%
  - Black 2%
  - Female 18%
  - Hispanic 3%
  - Black 1%

**Faculty 2018**
- Tenure/Tenure-track 49
- Teaching focused 11
- Professional Society Fellows 9
- U.S. Government awards (including NSF CAREER) 27
**Degree Programs**

**Undergraduate**
- B.S. Computer Science
- B.S. Computer Engineering
- B.A. Computing

**Graduate**
- Master of Computer Science
- M.S. Computer Science
- M.S. Computer Engineering
- M.E. Computer Engineering
- Ph.D. Computer Science
- Ph.D. Computer Engineering

**Engineering Honors**

The ACE Scholars Program (Engineering Honors - Computer Science and Engineering Track) offers an academically enriched plan of study developed for exceptionally talented and motivated students. The program includes regular activities such as monthly seminars and lunches with faculty, designed to build a community of scholars, and all honors students participate in an intensive undergraduate research experience.

**Fast Track Program**

If students are committed to earning a master’s degree from our department, the Fast Track Program speeds up the process. Students can begin graduate studies at the end of their junior year and complete both the bachelor’s and master’s degrees within five years.

**Student Organizations**

- AAIS | Aggie Artificial Intelligence Society
- ACC | Aggie Coding Club
- AWICS | Aggie Women in Computer Science
- CSEGSA | Computer Science and Engineering Graduate Student Association
- TACS | Texas A&M Computing Society
- TAGD | Texas Aggie Game Developers
- Texas A&M Cybersecurity Club
- TAMUHack
- UPE | Upsilon Pi Epsilon

**Industrial Affiliates Program**

Our Industrial Affiliates Program offers insight into industry needs and practices to help prepare students for placement in industry upon graduation. Representatives from these companies often speak in our seminar classes and participate in mock interviews and resume clinics. Students also interact with these companies during our department-only career fair.

**Industries Hiring Us**

- Aerospace
- Airlines
- Automotive
- Consulting
- Computing
- E-commerce
- Financial Services
- Geo-spatial
- Health
- Information Technology
- Insurance
- Investment Banking
- National Defense
- Oil and Gas
- Software