

# WHAT IS computer science?

Computer science means solving computing problems, designing new software, and developing innovative ways to use technology in different industries. Companies in fields like entertainment, agriculture, medicine, energy, education, public safety, environmental protection, and fashion need computer scientists to guide their technology.

# WHY STUDY computer science?

Computer science offers challenging but rewarding opportunities to deal with multi-dimensional issues. Our students study the design, development, and analysis of software used to solve problems like:

- Traveling in space
- Cultivating a sustainable environment, economy, and society
- Protecting personal, commercial, and national security
- Predicting the path of hurricanes
- Allowing 24/7 communication with voice, text, and video
- Linking the global marketplace with instant payments and real-time inventory tracking

## Program Accreditation

Texas State's Bachelor of Science in computer science degree program is accredited by the Computing Accreditation Commission of ABET.

## Admission to Texas State

For more information on Texas State and how to apply for admission, visit [admissions.txstate.edu](http://admissions.txstate.edu) or contact the Office of Undergraduate Admissions at 512.245.2364 or [admissions@txstate.edu](mailto:admissions@txstate.edu).

## Financial Aid and Scholarships

Texas State offers scholarships that are open to students of all majors. Visit [finaid.txstate.edu](http://finaid.txstate.edu) or contact Financial Aid and Scholarships at [finaid@txstate.edu](mailto:finaid@txstate.edu) or 512.245.2315. Information on scholarships for computer science majors can be found at [cs.txstate.edu/resources/financial\\_aid/](http://cs.txstate.edu/resources/financial_aid/)

## TEXAS STATE COMPUTER SCIENCE

Texas State University  
601 University Drive  
San Marcos, TX 78666  
512.245.3409

Website: [cs.txstate.edu](http://cs.txstate.edu)  
Email: [cs\\_info@txstate.edu](mailto:cs_info@txstate.edu)  
Social Media: [@txstCS](https://twitter.com/txstCS)



College of Science and Engineering  
[cose.txstate.edu](http://cose.txstate.edu)

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM

Texas State University, to the extent not in conflict with federal or state law, prohibits discrimination or harassment on the basis of race, color, national origin, age, sex, religion, disability, veterans' status, sexual orientation, gender identity or expression. This information is available in alternate format upon request from the Office of Disability Services. Texas State University is a tobacco-free campus.

# Computer Science UNDERGRADUATE



TEXAS  STATE  
UNIVERSITY

*The rising STAR of Texas*

## Undergraduate DEGREES

- Bachelor of Science (B.S.)  
*Major in computer science*
- Bachelor of Arts (B.A.)  
*Major in computer science*
- Bachelor of Science (B.S.)  
*Major in computer science with a computer engineering concentration*



## Student INTERNSHIPS

Our students can gain real-world experience by completing an internship with companies like: USAA, US Instruments, AMD, Amazon, Home Depot, McCoy's Building Supply, Google, Microsoft, H-E-B, ExxonMobil, Walmart, Apple, and IBM. Texas State offers networking events throughout the year where students can talk with company recruiters.



## Student RESEARCH

Undergraduates have the opportunity to work with the research faculty on projects exploring areas like: artificial intelligence, computer communication and networking, cyber security, data analytics, high performance computing, computer vision, software engineering, and human-computer interaction.



## Student RESOURCES

- System software and applications in 'first-class' computing laboratories
- 3-D printers, a virtual reality lab, and other equipment that fuel creative problem-solving
- Knowledgeable peer tutors in our labs
- Faculty and advisors who are accessible, helpful, and eager to engage with students



## Student ORGANIZATIONS

Texas State has over 400 registered student groups, including the Society of Women Engineers, Virtual Reality Development Group, WiSE, EXE Computer Science Club, an IEEE student branch, and more. Organizations connect students with the university, encourage collaboration, and develop leadership skills.