This program provides students with knowledge and skills to gain an edge in the software engineering job market.
Why choose Texas State?
Texas State’s Department of Computer Science is known for cutting-edge curricula that closely track current developments in computing, a dedicated faculty and well-equipped, remotely accessible laboratory facilities. Combined, these elements provide students with hands-on experience while implementing classroom concepts, providing the specialized training graduates need to land the best jobs.

The department accommodates working professionals by offering flexible course scheduling options with classes available during the evenings and on the Round Rock Campus.

Course Work
Students choose either a thesis or non-thesis track and work toward a master of science (M.S.) degree in software engineering. With the 30-hour thesis option, students complete 21 hours of graduate core courses, an additional three-hour graduate computer science elective and a thesis. The thesis option requires at least six credit hours of thesis courses. The 36-hour non-thesis option requires students to complete 24 hours of graduate core courses and an additional 12 hours of graduate computer science electives. The curriculum covers software engineering concepts as well as the technical skills graduates need to develop software.
Department Mission

The mission of the Department of Computer Science is to advance the knowledge of computer science and technology through education, research and service for the betterment of industry, government and society. The department seeks to expand its depth and breadth in the research and study of applied computing and strives to provide graduate students with strong technical backgrounds and communication skills.
Faculty
The department currently has both tenured and tenure-track faculty members actively pursuing research in artificial intelligence, bioinformatics, computer communication and networking, cyber security and trustworthy computing, database and information systems, distributed and parallel computing, high performance computing, human computer interaction, image retrieval, multimedia computing, software engineering, green/sustainable computing and social computing. Faculty research has received federal and industry funding support from NSF, NIST, DoD, DoE, IBM, Intel and more. The faculty has obtained prestigious awards like NSF CAREER awards and IBM and Google Faculty Fellowships.

Career Options
Master of science in software engineering graduates pursue careers in technical software development and maintenance as well as system analysis and management. The majority of graduates, about 60%, work in private companies like Google, Amazon, Intel, IBM and Dell. About 30% of graduates work in various city, state and federal agencies. About 10% go on to pursue doctoral degrees.
Important Deadlines*

Admissions
Priority Fall: February 15
Fall: June 15
Spring: October 15
Summer: April 15
Summer midterm: June 1

Funding: Scholarships, Fellowships and Assistantships
Applications must be complete by the priority deadline to be considered for funding.

How to Apply
For information regarding admission requirements and submission instructions, please visit:
gradcollege.txstate.edu/apply

*International applicants can view specific deadlines and requirements at:
gradcollege.txstate.edu/international

For information on deadlines, admission requirements and funding, visit:
gradcollege.txstate.edu/programs/se
Throughout all of my time as a software engineering student, I am especially happy and proud to be a graduate student in S.E. here at Texas State University. In my study and research, I received remarkable guidance and support from the university, from the department and from our professors.

– Junye Wen, M.S. student at Texas State University