Why Pursue a Graduate Degree at UTA?
The Civil Engineering Department is one of the most productive and progressive academic units in the College of Engineering. The department currently has approximately 1,000 students, which includes more than 400 master’s and more than 100 doctoral students. Our research facilities and centers are exemplary, and our faculty, staff, and students have transformed the department to a new level of excellence in research and teaching that directly addresses local and national engineering needs by providing innovative solutions to the most challenging problems facing our nation’s infrastructure.

An Impactful Research University
The University of Texas at Arlington is rising in stature through its commitment to transforming the lives of students and pushing the boundaries of knowledge. Dramatic, measurable advancements continue to propel the University toward its goal of becoming one of the nation’s premier research institutions.

UTA is designated an R-1 Carnegie “highest research activity” institution. Research activity at the university has more than tripled to more than $85 million over the past 10 years, with increasing expertise in bioengineering, medical diagnostics, micro-manufacturing, and defense and Homeland Security technologies, among other areas. With a projected total global enrollment of close to 57,000 students, UTA is one of the largest universities in Texas. UTA is a first-choice university for students seeking a vibrant college experience. In addition to receiving a first-rate education, our students participate in a multitude of activities that prepare them to become the next generation of leaders.

An Ideal Location
UTA is located in the heart of the Dallas/Fort Worth Metroplex, the fourth-largest metropolitan area in the United States. Arlington is located between the cities of Dallas and Fort Worth and is a center for sporting events, tourism and manufacturing. The Metroplex has one of the highest concentrations of corporate headquarters in the United States, with corporations such as Texas Instruments, AT&T, Ericsson, Lockheed Martin, Bell Helicopter Textron, Jacobs Engineering, and many more. Also, just minutes from campus, DFW International Airport and several interstate highways allow easy access to global collaboration and commerce.

Degrees
• Ph.D. in Civil Engineering
• Master of Science in Civil Engineering
• Master of Engineering in Civil Engineering
• Master of Construction Management

Student Composition and Diversity
U.S. News and World Report rated UTA as the 5th-most diverse university in the United States in 2017. The University is an Hispanic-serving institution and is one of the 40 most popular U.S. colleges and universities for international students, based on data from the Institute of International Education’s 2014-15 Open Doors Report.

How to Apply
Begin your application for graduate admission today at: uta.edu/admissions/graduate/apply.
Please be sure to check application deadlines and include all of the required application materials and fees.

Financial Assistance
All applications for admission will be also be considered for assistantships, fellowships, and scholarships. Complete your application early to take advantage of all opportunities for financial aid.

Who Hires Our Graduates?
Graduates of the department work at many companies in the region, including Freese and Nichols, Jacobs Engineering, HP Civil Engineering, BNSF Railway, Dunaway Associates, the Texas Department of Transportation, Teague, Nall & Perkins, and several others.

Learn More
For more information about the Civil Engineering Department, visit our website at uta.engineering/ce or contact the graduate advisor:

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Current Research

UTA is the lead institution for the Center for Transportation Equity, Decisions and Dollars University Transportation Center and is involved in two other UTC consortia across several academic and research disciplines that intersect the nation’s current and future transportation infrastructure.

Anand Puppala will lead a collaborative effort to use unmanned aerial vehicles to inspect highways and railroads remotely and develop guidelines for how to safely complete the task. Teams from Texas A&M University—Corpus Christi and the Texas A&M Transportation Institute also will contribute.

DJ Seo expects to improve the accuracy of rainfall maps produced by the National Weather Service by 10 to 20 percent for heavy-to-extreme rainfall events by developing new algorithms that take into account the weather radar networks, tens of thousands of rain gauges and satellite sensors that the National Weather Service employs.

Xinbao Yu will lead a team in testing lab-scale models of concepts developed in previous research to use geothermal energy to make Texas bridges and overpasses safer during winter weather.

Sahadat Hossain is working to implement research to use geothermal energy to make Texas bridges and overpasses safer during winter weather.

Ali Abolmaali is working on projects that will install longer-lasting, sturdier fiber-reinforced concrete pipes developed in UTA labs in actual highway projects in Texas and develop the 100-year service life protocol testing criteria for built pipes for Florida.