One Department | Nine Specialties

Enrollment Fall 2017

Texas A&M Data and Research Services

Undergraduate Students (sophomore to senior) 725
Graduate Students
Master’s 235
Ph.D. 149

Quality Indicators

Total Faculty 74
Professors 30
Associate Professors 15
Assistant Professors 10
Academic Professional Track 19

2018 U.S. News & World Report Rankings (rankings among public institutions)

Endowed Chair Holders 6
Endowed Professorship Holders 8
Development Professorship Holders 2
National Academy of Engineering Members 1

Centers & Laboratories

Construction, Geotechnical & Structural Engineering Laboratories
Construction Materials Laboratory
Electrochemistry Laboratory
Geotechnical Research Laboratory
Geotechnical Undergraduate Laboratory

Environmental & Water Resources and Coastal Engineering Center & Laboratories
Biological Processes Laboratory
Chemical Processes Laboratory
Coastal Laboratory
Environmental Laboratory
Offshore Technology Research Center (TEES)

Transportation & Materials Laboratories
Advanced Characterization of Infrastructure Materials Laboratory
Materials of Construction Laboratory
Materials & Pavement Laboratories
Materials Science Laboratory

Collaborative TTI/Civil Engineering Centers & Laboratories
Association of American Railroads Affiliated Laboratory
Center for Infrastructure Renewal
Center for Ports & Waterways
Center for Transportation Safety
Center on Tolling Research
Highway Materials Laboratory
International Center for Aggregates Research
Southwest Region University Transportation Center
TransLink™ Research Center & Laboratory
University Transportation Center for Mobility

Research Areas listed on reverse side
Research Areas

Coastal Engineering
- Marine Foundation Systems
- Marine Renewable Energy
- Natural Hazard
- Nearshore Circulation Ocean Structures
- Ocean Structures
- Structural Engineering
- Structural Reliability

Construction Engineering & Management
- Construction Materials
- Construction Planning & Field Operations
- Process Modeling
- Project Development & Financing
- Project Management
- Risk Management & Decision Analysis
- Stochastic Simulation

Geotechnical Engineering
- Constitutive Modeling
- Earthquake Susceptible Soils
- Expansive Soils
- Instrumentation, Health Monitoring & Assessment
- Scour
- Soil Mechanics
- Soil-Structure Interaction

Infrastructure Management & Security
- Condition Assessment
- Infrastructure Security
- Infrastructure & Transportation Asset Management
- Pavement Management
- Performance Modeling & Prediction

Materials Engineering
- Asphaltic & Concrete Pavements
- Construction Materials
- Corrosion Within Structures
- Fracture & Damage Mechanics
- Mechanical Properties & Transport in Concrete Materials
- Micromechanics & Microstructure Characterization
- Nondestructive Testing
- Pavement Evaluation
- Recycled Materials

Structural Engineering
- Building, Transportation & Offshore Structures
- Damage Detection
- Engineering Risk Analysis
- Fatigue & Fracture
- Preservation of Historic Structures
- Seismic & Wind Performance
- Smart Materials & Structures
- Structural Reliability
- Vibrations, Sensing & Control

Transportation Engineering
- Automated Vehicles
- Connected Vehicles
- Geometric Design
- Intelligent Transportation Systems
- Planning
- Scheduling Algorithms
- Traffic Control Devices
- Transit Systems
- Transportation Economics
- Transportation Operations
- Transportation Safety
- Transportation Systems Modeling

Water Resources Engineering
- Groundwater
- Hydraulics
- Hydrology
- Remote Sensing
- Sustainability
- Systems Analysis
- Water Resources Planning & Management