One Department | Nine Specialties

**Enrollment Fall 2017**

*Texas A&M Data and Research Services*

<table>
<thead>
<tr>
<th>Undergraduate Students (sophomore to senior)</th>
<th>760</th>
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<tbody>
<tr>
<td>Graduate Students</td>
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<tr>
<td>Master’s</td>
<td>379</td>
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<tr>
<td>Ph.D.</td>
<td>233</td>
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<td></td>
<td>146</td>
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</table>

**Quality Indicators**

<table>
<thead>
<tr>
<th>Total Faculty</th>
<th>Professors</th>
<th>Associate Professors</th>
<th>Assistant Professors</th>
<th>Academic Professional Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>30</td>
<td>15</td>
<td>10</td>
<td>19</td>
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</table>

<table>
<thead>
<tr>
<th>U.S. News &amp; World Report Rankings (rankings among public institutions)</th>
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</thead>
<tbody>
<tr>
<td>Undergraduate Chair Holders</td>
</tr>
<tr>
<td>Endowed Chair Holders</td>
</tr>
<tr>
<td>Graduate Endowed Professorship Holders</td>
</tr>
<tr>
<td>National Academy of Engineering Members</td>
</tr>
</tbody>
</table>

**Centers & Laboratories**

**Construction, Geotechnical & Structural Engineering Laboratories**
- Center for Infrastructure Renewal (CIR)
- Construction Materials Laboratory
- Electrochemistry Laboratory
- Geotechnical Research Laboratory
- Geotechnical Undergraduate Laboratory
- Infrastructure Renewal Recovery Laboratory (I2RL)

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

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

**Collaborative TTI/Civil Engineering Centers & Laboratories**
- Association of American Railroads Affiliated Laboratory
- 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**

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## Research Areas

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

### Environmental Engineering
- Aerosols: Sources & Composition
- Air Pollution Membranes
- Hazardous Wastes/Remediation
- Marine Oil Spill Modeling
- Renewable Energy & Products
- Risk Assessment
- Water/Energy Nexus
- Water/Wastewater

### 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

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