## Enrollment Fall 2015

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>Graduate Students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>725</strong></td>
<td><strong>398</strong></td>
</tr>
<tr>
<td>Master's</td>
<td>252</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>146</td>
</tr>
</tbody>
</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><strong>68</strong></td>
<td>27</td>
<td>22</td>
<td>7</td>
<td>12</td>
</tr>
</tbody>
</table>

## U.S. News & World Report Rankings

- **8** Undergraduate
- **10** Graduate

Endowed Chair Holders: 7
Endowed Professorship Holders: 8
Development Professorship Holders: 5
National Academy of Engineering Members: 1

## Centers & Laboratories

### Construction, Geotechnical & Structural Engineering Laboratories
- Construction Materials Laboratory
- Electrochemistry Laboratory
- Geotechnical Graduate Laboratory
- Geotechnical Research Laboratory
- Geotechnical Undergraduate Laboratory
- Haynes Coastal Engineering Laboratory
- High-Bay Structural & Materials Testing Laboratory
- National Geotechnical Experimentation Site

### Environmental & Water Resources and Coastal Engineering Center & Laboratories
- Biological Processes Laboratory
- Chemical Processes Laboratory
- Dredging 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
**Research Areas**

**Coastal Engineering**
- Numerical & Experimental Marine Hydrodynamics
- Dynamics of Offshore Structures
- Mooring Systems
- Fluid-Structure Interaction
- Computation Fluid Dynamics
- Ocean Wave Dynamics
- Coastal Sediment Transport
- Nearshore Circulation
- Multiphase Fluid Dynamics

**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