Enrollment Fall 2013
Texas A&M Data and Research Services

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>1,131</th>
<th>Graduate Students</th>
<th>623</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master’s</td>
<td></td>
<td>Ph.D.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quality Indicators</th>
<th></th>
<th>U.S. News &amp; World Report Rankings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Faculty</td>
<td>67</td>
<td>Rankings Among Public Institutions</td>
</tr>
<tr>
<td>Professors</td>
<td>34</td>
<td>Computer Engineering 11 Graduate</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>25</td>
<td>Electrical Engineering 12 Graduate</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>8</td>
<td>Electrical Engineering 11 Undergraduate</td>
</tr>
<tr>
<td>Endowed Chair Holders</td>
<td>7</td>
<td>Endowed Professorship Holders 11</td>
</tr>
<tr>
<td>Distinguished Professors</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Nanofabrication Cleanroom Facility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Electronics Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Electronics and Motor Drives Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Engineering Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Quality Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power System Automation Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power System Control and Protection Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semiconductor Laboratory Sensing, Imaging and Communications Systems Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensing, Imaging and Communication Systems Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smoke Detector Test Facility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultrasound Imaging Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VLSI Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless Communications Laboratory</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Research Areas listed on reverse side
Research Areas

Analog and Mixed Signal
- Analog Built-in-Testing
- Active and Passive Filter Design
- Biomedical Applications
- Broadband Communications
- Data Converters
- Energy Harvesting Techniques
- High-Speed Electronic Systems
- Integrated Circuit Design
- Low-Noise Front-End Electronics
- Low-Voltage Low-Power Electronics
- Millimeter-Wave Integrated System Design
- Power Management
- RF IC and System Design

Biomedical Imaging, Sensing and Genomic Signal Processing
- Bioinformatics and Computational Biology
- Biosensing and bioanalytical systems
- Dynamic Imaging, Thermal Imaging and Magnetic Resonance Microscopy
- Genomic Signal Processing
- Image Analysis Techniques and Algorithms
- Magnetic Resonance Imaging and Spectroscopy
- Microfluidics and Lab-on-a-Chip
- Micro/nano systems for bio and medical applications
- Morphological Analysis
- Optical Tomographic Imaging Techniques
- Sensor Arrays in Medical Imaging
- Ultrasound and Elasticity Imaging

Computer Engineering and Systems
- Computer Networks and Internet
- Computer Systems and Architecture
- Digital VLSI Design and Test
- Electronic Design Automation
- Fault Tolerance, Security and Reliability
- Mobile Wireless Networking
- Multimedia Infrastructure
- Network Coding
- Network Security and Reliability
- Storage Systems

Device Science and Nanotechnology (formerly Solid State)
- Fiber Optics Devices
- Functional Thin Film Processing
- Integrated Optics
- Nanolithography
- Nanotechnology
- Noise in Electronic Systems
- Optical Communication
- Quantum Optics
- Fluctuation-enhanced sensing
- Noise-based logic
- Secure communications
- Wide Band Gap Epitaxy
- Atomic Layer Deposition
- Surface and Interface Science
- Optics for solar energy
- Micro Sensors, Micro Actuators and Micro Electromechanical System (MEMS)
- Soft robotics and softMEMS

Electromagnetics and Microwaves Antennas
- CMOS RFIC and Systems
- Electromagnetic Theory
- Electromagnetic Wave Propagation
- Guided-Wave Structures
- Microstrip Antennas
- Microwave Solid-state Circuits and Devices
- Microwave Systems
- Millimeter-Wave Circuits
- Sensing and Imaging
- Surface Penetrating Radar

Information Science and Systems (formerly Telecommunications and Control)
- Advanced Channel Coding Techniques
- Data Compression and Source Coding
- Joint Source-Channel Coding
- Digital Signal/Image/Video Processing
- Biomedical image processing
- Seismic/Radar/Genomic Signal Processing
- Multirate and Statistical Signal Processing
- Time-frequency Analysis
- Detection and Estimation Theory
- Information Theory and Security
- Network Information Theory
- Linear Multivariable Control Systems
- Nonlinear Control Systems
- Robust Control and Adaptive Control
- Wireless and Sensor Networks
- Digital Communications Systems
- Minimum-energy Network Communications
- Wireless Communications and Systems
- Cognitive Radio Networks
- Computational Statistics
- Convex Optimization
- Neural Networks and Machine Learning
- Computational Biology and Bioinformatics