The Department of Materials Science and Engineering at Texas A&M University is jointly operated by the Texas A&M College of Engineering and the College of Science. The department offers Master of Science, Master of Engineering and Ph.D. degrees, and has more than 140 graduate students currently in the program working on a wide range of materials-related interdisciplinary research projects. In addition to 16 full-time faculty, this multidisciplinary department includes affiliated faculty members from aerospace engineering, biomedical engineering, chemical engineering, chemistry, electrical engineering, mechanical engineering, nuclear engineering and physics.

### Enrollment

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<th>Master's</th>
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<tr>
<td>Graduate</td>
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### Research Areas

- Advanced Structural Materials
- Biomaterials
- Ceramics and Ceramic Composites
- Computational Materials Science and Design
- Corrosion and Degradation of Materials
- Functional (Electronic, Magnetic, Optical) Materials
- Materials for Energy Applications
- Materials for Extreme Environments
- Mechanical Behavior of Materials
- Metals and Alloys
- Shape Memory Alloys and Polymers
- Soft Materials - Polymers and Composites

### Research Centers

- Polymer Technology Center
- National Corrosion and Materials Reliability Center
- Center for Intelligent Materials and Structures
- Materials Characterization Facility
- Microscopy and Imaging Center

### Faculty

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<tbody>
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<td>Tenure/ tenured track</td>
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<td>National academy</td>
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</table>

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### Department Facilities

- Computational Materials Science Laboratory
- High Temperature Materials Laboratory
- Hybrid Multifunctional Composites Laboratory
- Hydrogen Materials Laboratory
- Laboratory for Advanced Ceramic Composites (LAC3)
- Laboratory for Computational Engineering of Nanomaterials
- Materials and Structures Laboratory
- Materials Development and Characterization Laboratory
- Microstructural Engineering of Structural and Active Materials Laboratory
- Phase Transformation Engineering Materials Laboratory
- Polymer Processing Laboratory
- Severe Plastic Deformation Processing Laboratory
- Surface Science Laboratory
- Synthetic Multifunctional Composites Laboratory

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### Graduate

Degrees conferred for AY 16 for M.S., M.E. and PhD. for materials science and engineering

- 22

Graduate student research/teaching assistants

- 100

NSF fellows

- 2

Texas A&M Fellows

- 10

Students in other external fellowships

- 12

Start-up companies by alumni

- 4