

UNIVERSITY OF NORTH TEXAS® Materials Science & Engineering

Top 5 Things to Know about Us

1. Our 20+ active faculty advisors are nationally recognized and hold fellowships in many professional organizations.
2. We have one of the most advanced analytical characterization facilities in the country that allows students to receive training on state-of-the-art equipment.
3. We welcome applicants with degrees in materials-related fields like physics, chemistry, and other engineering fields.
4. Our students work on DoD, DoE, NSF, and industrial-sponsored projects.
5. We aim to provide a high-quality education to our diverse student population through excellence and innovation in teaching and research in order to serve the scientific and engineering needs of the state of Texas and the nation.



Ranked
#11 Best Value
Materials Engineering
Master's Degree Schools
in 2021.



100%
Job placement rate in
academia, industry, and
research organizations



UNT is a **Tier One**
research university
located in Denton, TX.

Faculty Spotlight



Dr. Xiao Li is an Assistant Professor of Materials Science and Engineering. Her research interests are self-assembly of soft materials—polymer, liquid crystals, elastomer, colloidal particles—into nano/mesoscale structures for optical, optoelectronic, biomedical, miniaturized actuators and flexible sensor applications.

UNT®

COLLEGE OF ENGINEERING
Department of Materials
Science & Engineering

Our Program

The University of North Texas' Department of Materials Science and Engineering offers course work leading to:

- Master of Science in Materials Science and Engineering, requiring 32 to 35 hours
- Doctor of Philosophy in Materials Science and Engineering, requiring 42 hours beyond MS and 72 hours beyond BS.

Admission

Our graduate programs are open to high-achieving students from engineering, technology, science, and math backgrounds. Successful applicants to our programs should:

- Apply through www.applytexas.org.
- Submit transcripts demonstrating a GPA of at least 3.0 on previous university coursework.
- Submit competitive GRE scores. Successful MS applicants typically score 155+ on the Quantitative section and 145+ on the Verbal section, and PhD applicants present scores of 160+ on the Quantitative section and 150+ on the Verbal section.
- Submit proof of English language proficiency (international students only). Acceptable scores are 79 on TOEFL and 6.0 on IELTS.
- Submit three letters of recommendation, a statement of purpose, and a resume.

Visit mtse.unt.edu/graduate/admissions to learn more.

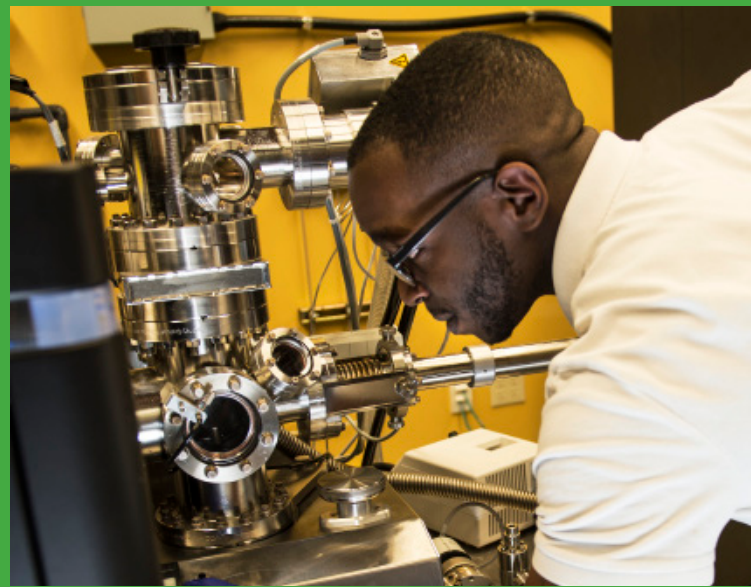
Funding Opportunities

Teaching and research assistantships provide support for many graduate students. In addition to a monthly stipend, assistantships also qualify students for in-state tuition rates, and many students receive tuition and fee support.

Scholarships are available to graduate students as well. The general scholarship deadline is March 1 of each year. The Department of Materials Science and Engineering also offers scholarships to qualified students throughout the year. Apply and learn more at www.mtse.unt.edu.

Contact Us

mtse.unt.edu | mtse@unt.edu | (940) 565-3260



Research Opportunities

Faculty and students at UNT's Department of Materials Science and Engineering are heavily involved in research and project-based learning initiatives.

Research Laboratories and Centers

- Center for Agile and Adaptive Additive Manufacturing (CAAAM.unt.edu)
- Advanced Materials and Processing Institute (ammpi.unt.edu)
- Tribology Constortia
- Materials Research Facility (mrf.unt.edu)
- PACCAR Technology Institute (paccar.unt.edu)
- Center for Battery Technology
- Nanoscale Materials and Devices Laboratory
- Functional Glasses and Materials Modeling Laboratory

More information about our research is online at materials.engineering.unt.edu/research.

Alumni Spotlight

"My professors and mentors at UNT MTSE have given me several profound learning experiences, both personally and professionally, that helped me get an academic job in short time after completing my PhD in Dec 2013. It is my heartfelt belief that teaching and associated pedagogy is one of the ways of giving back to the fellow learning community. Students have always remained an integral asset to any society since time immemorial and have a pivotal role in shaping its future course of action. Thus, teaching and mentoring are essentially the most vital service that I can provide to them."

- Hitesh Vora, Ph.D., 2013

Associate Professor, Oklahoma State University

