

Graduate Teaching and Research Assistant Position (MS
in Civil Engineering)
University of Texas at Tyler

Direct Link: <https://www.AcademicKeys.com/r?job=260148>

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Posted Jul. 24, 2025, set to expire Nov. 22, 2025

Job Title	Graduate Teaching and Research Assistant Position (MS in Civil Engineering)
Department	Department of Civil and Construction Engineering and Management https://www.uttyler.edu/academics/graduate/civil- engineering-degree/
Institution	University of Texas at Tyler Tyler, Texas
Date Posted	Jul. 24, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Graduate Student
Academic Field(s)	Civil Engineering

Apply By Email

Job Description

Dr. Hua Yu, Assistant Professor of Civil Engineering at the University of Texas at Tyler, is seeking a motivated and qualified graduate student for one **partially funded Graduate Teaching and Research Assistant (GTA/GRA) position (MS in Civil Engineering)** starting as early as Spring or Fall 2026.

Position Overview:

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The selected candidate will assist in teaching and research activities related to **soil mechanics (especially unsaturated soil mechanics), cementitious and construction materials**, and **geotechnical laboratory testing**. This position is ideal for students interested in pursuing advanced studies in geotechnical engineering with a strong focus on experimental and sustainable infrastructure research.

Responsibilities:

- Support teaching activities in undergraduate geotechnical or construction materials courses.
- Conduct laboratory experiments on soils and cement-based materials.
- Assist with ongoing research projects in unsaturated soil mechanics and sustainable construction materials.
- Prepare technical reports, analyze data, and contribute to academic publications.
- Perform general lab maintenance and equipment setup as needed.

Qualifications:

- Bachelor's degree in Civil Engineering or a closely related field (required).
- Background in soil mechanics and/or construction materials.
- Experience with laboratory testing of soils and cement-based materials is highly preferred.
- Strong verbal and written communication skills.
- Demonstrated research experience and publications (if available) will be considered an asset.
- Must meet the **English language proficiency requirements** of UT Tyler Graduate School.
- GRE score is highly desirable, but not required.

Funding:

This is a **partially funded position**, providing a monthly stipend for the first year. Tuition support is not guaranteed in the first year.

Application Instructions:

Interested applicants should compile the following documents into a **single PDF file**:

- Cover letter
- Curriculum Vitae (CV)
- Academic transcripts (unofficial is acceptable for initial review)
- Standardized tests (e.g., TOEFL, GRE, etc.)

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Please email your application to **Dr. Yu** at **hyu@uttyler.edu** with the subject line:

GRA/GTA Application – [Your Full Name]

Applications will be reviewed on a rolling basis until the position is filled. Only shortlisted candidates will be notified.

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact Hua Yu
University of Texas at Tyler
3900 University Blvd
Tyler, TX 75799

Contact E-mail hyu@uttyler.edu