Department of Science/Mathematics Education

November 12, 2022
We're not a major.

We work with all majors in the School of Natural Sciences and Mathematics to prepare secondary STEM teachers!

www.utdallas.edu/uteach/
Add **Value** and **Flexibility** to your degree in the same four-year timeframe!

- Good, stable pay in DFW after graduation.
- Internships and scholarships available.
- Open a world of opportunity, community, and support.
- Try out teaching as early as your first semester at UTD while learning valuable skills for any career.

**STEM degree + Teaching Certificate = Career that Changes Lives**
# Top Local Careers with Teacher Certification

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>JOB SUMMARY</th>
<th>ENTRY-LEVEL EDUCATION</th>
<th>MEDIAN PAY 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle or High School Teacher</td>
<td>Guide the subject-matter learning of students in a classroom setting</td>
<td>BS/BA</td>
<td>&gt;$58,541* ($60,000+) * starting pay</td>
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<tr>
<td>Instructional Design Facilitator</td>
<td>Support new and experienced teachers in instructional design and delivery</td>
<td>MS/MA</td>
<td>&gt;$90,000*</td>
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<tr>
<td>Coordinator</td>
<td>Responsible for an academic area (math, science, etc.) at elementary or secondary levels</td>
<td>MS/MA or PhD/EdD</td>
<td>&gt;$97,000*</td>
</tr>
<tr>
<td>Administration</td>
<td>Example: Director, Principal</td>
<td>MS/MA or PhD/EdD</td>
<td>&gt;$116,000*</td>
</tr>
<tr>
<td>Higher Education Faculty</td>
<td>Example: STEM or Education Professor (usually, may be MS/MA)</td>
<td>PhD/EdD</td>
<td>$79,640**</td>
</tr>
</tbody>
</table>

*Salary based on a local school district(s) published data
Good, stable pay for starting STEM teachers in DFW!

- Example 2022-23 first-year salaries for STEM teachers in some of our partner school districts:
  - Allen – $58,000
  - Carrollton – Farmer’s Branch - $57,050
  - Dallas – $60,000
  - Garland – $60,000
  - McKinney - $58,800
  - Mesquite - $56,100
  - Plano - $58,250
  - Richardson - $57,000

+ Plus, Math/Science signing bonuses available at some!
UTeach Dallas Teachers are in High Demand!

- Secondary (middle and high school) science and mathematics are teacher shortage areas.*

- **100%** of UTeach Dallas graduates seeking teaching positions are typically hired by the start of the next school year!

- UTeach Dallas graduates are competitive for graduate and medical school (16 in graduate or medical school this year!)

- **83% of all teachers** prepared by UTeach Dallas are still in the profession with **93% choosing to stay in teaching in the first 5 years.**

How does UTeach Dallas work?

✓ Try out teaching, starting with a one credit hour course to make sure teaching is a good fit for you.

✓ Finish your certification in your elective hours.

✓ Earn a Secondary STEM Education Minor!

✓ Have a teaching certificate as a career option!
We Support Our Graduates!

Lifelong Learners
supporting UTeach Dallas Alumni

Those who can’t ignore a child’s burning curiosity about the world, teach.

https://www.uteachdallasalumni.org/

Count on us for formal support for 3 years, informal support for a career.
We care about UTeach Dallas teachers and the students they serve!
We Support Our Graduates and Their Students!

Through UTeach Dallas, the Master of Arts in Teaching programs in Science Education and Mathematics Education, and our outreach, we support teachers in their growth in the classroom and beyond!

[Graph showing Students Influenced by UTeach Dallas Graduates]

Assistant Principal Amieé Himler
2019 National Alumnus Award
UTeach STEM Educators Association
BS Mathematics (2010)
UTeach Dallas (2011)
MAT (2019)

UTD Alumna Earns Statewide Teaching Honor

University of Texas at Dallas alumna Emma DeVite BSF19, MAT'21 has been named Outstanding Rookie Science Teacher of the Year for 2022 by the Science Teachers Association of Texas (STAT).

https://magazine.utdallas.edu/2022/10/09/utd-alumna-earns-statewide-teaching-honor/
Research and Outreach Opportunities

A VIVID EARTH SCIENCE INTRODUCTION TO PLATE TECTONICS
Lesson 1. Brief Overview

“a plate”

UTD GSS

Dr. Mary Urquhart
Planetary Scientist
Research and Outreach Opportunities

stepp.utdallas.edu
Research and Outreach Opportunities

Opportunities to be a teacher-researcher intern with zebrafish or one of our research labs on campus!
Earning Degrees in the Field

• BS in the sciences or mathematics + teaching certificate
  • Typically, 4 years of study

• Master of Arts in Teaching (Science Education or Mathematics Education)
  • Typically, 2-3 years of study past the BS
  • Fast-track and dual-degree options with an MS in a STEM discipline
  • Can be done with UTeach Dallas for STEM degree holders
  • Can be done with a PhD in a STEM discipline

Many times students can be paid to earn graduate degrees fulltime or work while earning an MAT!