

Master of Arts in Teaching – Science Education (MAT-SE) Online

The 36-hour Master of Arts in Teaching – Science Education (MAT-SE) Online program, offered by the University of Texas at Dallas, stresses training in the art of teaching and advanced knowledge in the natural science selected for major specialization. The program is designed for individuals with significant ability in a discipline and a serious commitment to teaching.

Emphasizing current issues in science and education, the program goal is to merge educational theory and scientific practice to prepare educators to foster a thorough understanding of concepts and the ability to process knowledge. Graduates at all levels (K-life) in private/public schools, community colleges, universities, business and industry, will be prepared to take the lead in determining the interdisciplinary perspective needed to interpret and manage the diverse requirements of science education, an area of critical importance across Texas and the nation.

Building on fundamental coursework in science, society, and technology, adult learners will benefit from direct interaction with renowned experts and specialists in biology, chemistry, geosciences, mathematics, physics, science education, as well as other related schools and departments. Interdisciplinary collaboration and real-world experience will help to integrate the core concepts of science with the subtleties of pedagogy that spring from allowing students to construct their own knowledge.

In advancing their career status, graduates of this program will have knowledge and skills to serve as innovative practitioners and quali-

fied academicians. The knowledge in scientific research and educational practice gleaned from their advanced study will allow them to effectively promote science within K-16 classrooms. They and their students will be prepared to find acceptable solutions for the complex issues common in today's economic, political, and educational arenas.

Not only are the MAT-SE Online courses student-centered, but so are the program options in order to better serve a diverse population with specific needs. Degree plans can accommodate elective hours to fulfill prerequisite deficiencies and content hours to address specialization area interests. Course sequencing enables students to maintain a full or partial load over independent semesters. Thesis research is scalable from district-wide evaluations to individual case studies, as well as the range of possibilities within virtually unlimited bounds.

For more details, link to the UT TeleCampus website at www.uttc.org, or contact an advisor:

Science Education
The University of Texas at Dallas
P.O. Box 830688, FN33
Richardson, Texas 75083
Phone: 972-883-2496
Email: SciEd@utdallas.edu

A GRE score is not required for admission to the Science Education program; however, you will need to provide 3 letters of recommendation along with official transcripts to complete the application.



UT TeleCampus

www.uttc.org

1-888-TEXAS-16

Learn Online

telecampus@utsystem.edu