TUteach—a joint program of the College of Education and College of Science and Technology—prepares tomorrow’s great math and science teachers.
TUteach
Bachelor of Science With Teaching

Program Choices

Created and designed to help address the nation’s shortage of skilled math and science teachers, TUteach offers the opportunity to earn a bachelor of science in a science, technology or math field and prepare for a Pennsylvania high-school teaching certificate in four years.

TUteach emphasizes early practice teaching experience. Students discover firsthand if a career in STEM education is a good fit for them and get a head start in developing teaching skills. All TUteach courses, including those offered by the College of Education, are especially designed for science and mathematics majors.

Concentrations include:

• Biology With Teaching
• Chemistry With Teaching
• Earth & Space Science With Teaching
• General Science With Teaching
• Mathematics With Teaching
• Mathematics & Computer Science With Teaching
• Mathematics and Technology With Teaching (includes four engineering courses)
• Physics With Teaching

Career Options

In addition to earning a math or science degree, TUteach graduates are eligible for Pennsylvania teaching certificates—a credential required of teachers in Pennsylvania public schools. Seventy percent of TUteach graduates teach in a middle school or high school, are in a related education position, or are seeking a teaching position; 21 percent are in graduate or professional school, including medical and dental. Other graduates have secured positions in STEM-related industries, such as IT, aerospace and finance.

Faculty Contacts

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Research Opportunities

Real-world, hands-on research means students learn the latest scientific techniques, from the necessary basics to high-tech analysis. Students can work directly with experienced researchers in any of the College of Science and Technology’s six departments.