

WHY BECOME A SCIENCE OR MATHEMATICS TEACHER?

Science and Mathematics teachers are in high demand today. Currently there is a shortage of qualified science and mathematics teachers in K-12 schools. Teaching is an exciting and rewarding career that combines opportunities to work with both young people and science or mathematics. The College of Science offers Teacher Preparation Programs in Science and Mathematics. These programs provide science and mathematics majors the opportunity to take courses and engage in school experiences that lead to eligibility for secondary teacher certification.

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Science and Mathematics Teacher Preparation Programs



UA SCIENCE

The University of Arizona
College of Science



Begin your teaching career today.



"This is a unique and challenging program for science majors who have interests in secondary level teaching. Students benefit from the highly competent faculty and teachers-in-residence, and the challenging science pedagogy curriculum. I wish this program had been available to me when I was preparing to become a science teacher many years ago."
Debra Tomanek, Associate Professor, Molecular and Cellular Biology, Science Teacher Preparation Program Faculty

A unique blend of courses.

WHAT IS SPECIAL ABOUT THE PROGRAM?

We offer a unique blend of content courses and teaching courses. Content courses are taken along with other mathematics or science majors. Our teaching courses focus on science or mathematics, rather than a mix of teaching areas.

Our teaching courses are taught by instructors who have significant experience in secondary science or mathematics teaching.

Students spend significant amounts of time working with mentor teachers in area middle and high schools, and have exciting opportunities to apply ideas discussed in their college courses.

Science majors may graduate in their content majors and simultaneously complete the program courses OR may enroll in a B.S. degree in Science Education, with concentrations available in Biology, Chemistry, Earth Science, and Physics. Either option makes graduates eligible for teacher certification.

Mathematics majors interested in teaching can earn a B.S. or B.A. degree in Mathematics, with an Education option, which makes graduates eligible for teacher certification.

"When I started in college I never thought I was going to be a math teacher. Now that I have had a chance to work alongside many great teachers and be a teacher myself, I have learned that I truly love this job. Teaching mathematics is the right place for me. Without The University of Arizona I never would have discovered my love for this profession."
David Berry, Spring 2006 graduate of the Secondary Education Program in Mathematics

Your opportunity begins here.

WHAT SUPPORT IS AVAILABLE?

The Center for Recruitment and Retention of Mathematics Teachers provides opportunities for mathematics students to tutor in area schools, earning income and gaining experience.

Science majors can apply for Teacher Preparation Scholarships to support their work in the program.

Mathematics majors can apply for scholarship support from the Center for Recruitment and Retention of Mathematics Teachers.

Science or mathematics majors can apply for support through the Noyce Scholars Program. This is a loan-forgiveness program that supports students in exchange for teaching in high-needs schools upon graduation.

HOW CAN YOU LEARN MORE?

To learn more about the Science or Mathematics Teacher Preparation Program, contact one of the advisors listed on the back of this brochure, or visit the websites:

Science Teacher Preparation Program: <http://TPP.arizona.edu>

Mathematics Teacher Preparation Program: http://math.arizona.edu/ugprogram/degrees/ba_bs_current.html

"My experience in the science teaching course truly fostered my excitement to teach science and emphasized the significant need for excellence in science teaching today."
Kathy Danielek, Physiological Sciences Senior