



COLLEGE OF
**EDUCATION AND
HUMAN SCIENCES**

OSUTeach



OVERVIEW

Seek to empower students' lives by teaching science and mathematics in grades 6-12 through the OSUTeach program. OSUTeach is a collaborative program between the College of Education and Human Sciences and the College of Arts and Sciences, which allows students pursuing degrees in biology, chemistry, geology, mathematics, physics and zoology to earn a secondary teaching certification without added time or cost. Upon degree completion, you will have the technical knowledge of your chosen science or mathematics field and will also have an educational foundation in adolescent development, learning theory and teaching methods gained both through the classroom and diverse field experiences. All OSUTeach graduates are recommended to the State of Oklahoma for full certification to teach and are prepared for certification exams in other states, if preferred. Many states offer reciprocal teaching certification.

PROGRAM HIGHLIGHTS

- Program begins with two one-credit, inquiry-based teaching courses to help you explore if teaching is a good fit for your future.
- Practical teaching experience gained in elementary, middle and high school classrooms and in both urban and rural settings.
- Students may apply for scholarships, engage in leadership opportunities and receive student services support across the College of Education and Human Sciences and the College of Arts and Sciences.

NOTABLE NUMBERS



There is high demand for Science, Technology, Engineering and Mathematics (STEM) educators in **more than 40 states** with ongoing projected growth.

STUDENT PERSPECTIVE

“What’s so unique about OSUTeach is its versatility. I now have the option to teach 6th - 12th grade math in a classroom, but I also have a math degree which translates to any industry. If you are even remotely interested in being a science or math educator, try this program!”

- Kelly LeBlanc, recent OSUTeach graduate

PEOPLE. PASSION. PURPOSE.

OSUTEACH: BIOLOGY, CHEMISTRY, GEOLOGY, MATHEMATICS, PHYSICS OR ZOOLOGY

OPTIONS

BIOLOGY

Biology is a broad life science degree that provides the chance for students to study the development, purpose, growth, roots, evolution and distribution of animals, plants and microscopic organisms.

CHEMISTRY

Students studying chemistry receive comprehensive training in the four chemistry sub-disciplines – analytical, inorganic, organic and physical – and they gain experience in safely working in a laboratory setting.

GEOLOGY

Geology students learn to discover, recognize and use natural resources to both improve the quality of human life and to interpret the history of the Earth.

MATHEMATICS

From pure mathematics to applications of quantitative study in areas like cryptography and fluid flow, students studying mathematics develop depth in their understanding of mathematical concepts and breadth of the discipline's relevance.

PHYSICS

Physics students explore the natural phenomena of matter, energy and the interaction between them through questioning, observation and experimentation.

ZOOLOGY

Students studying zoology learn about animal diversity and select additional courses on specific animal groups and/or related topics, as they develop a thorough background in the biology of animals.

OSUTEACH COURSES

SMED 1011 Inquiry Approaches to Teaching

SMED 2011 Inquiry-Based Lesson Design

SMED 3013 Knowing and Learning in Mathematics and Science

MATH 3303 Functions and Modeling

PHIL 3743 Patterns in Science

BIOL 3933 or **MATH 3933** Research Methods

SMED 4013 Classroom Interactions

SMED 4023 Problem-Based Learning in Mathematics and Science

CIED 4720 Internship in the Secondary Schools

PROSPECTIVE STUDENT SERVICES

Watson Family Center for Student Development
106 Willard | Stillwater, OK 74078
(405) 744-6350 | educate@okstate.edu

More about this major: okla.st/OSUTeach



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