



UTEACH ALABAMA

Producing teachers to prepare Alabama's future STEM workforce

The UTeach Alabama initiative, currently in its third year, is on track to fully establish permanent UTeach secondary STEM teacher preparation programs and significantly increase the number of fully certified, highly effective middle and high school science and mathematics teachers produced by Alabama universities.

Seven universities across the state are receiving funding to bolster their preparation of STEM teachers through implementation of UTeach, a proven secondary STEM teacher preparation approach.



Alabama A&M University

Auburn University

Auburn University at
Montgomery

Athens State University

The University of
Alabama at Birmingham

University of South
Alabama

The University of West
Alabama



"I love watching high school students turn into scientists. I love making science feel personal because it *is* personal."

Izzy Patten

Genetics major
University of Alabama at Birmingham



"The way the instructors talk about it, you can tell it's their passion. It's definitely worth it. It feels like you're going to be fulfilled. You're making an impact."

Avery Klose

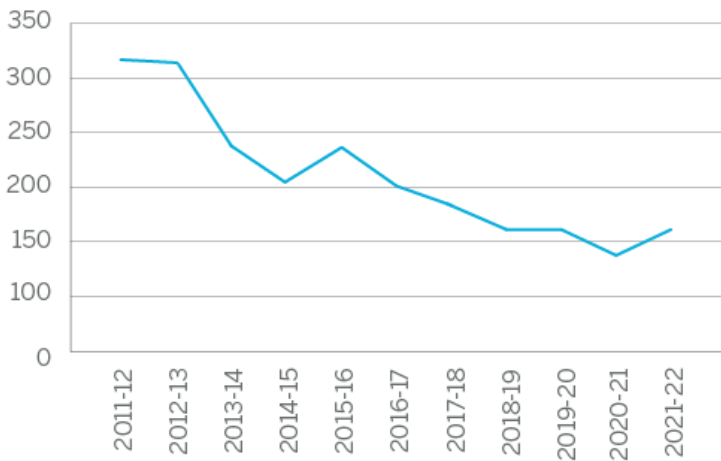
Biomedical Sciences major
Auburn University

Alabama universities with UTeach programs span every region of the state.

Once fully established, Alabama UTeach programs are expected to triple the number of new middle and high school STEM teachers they prepare to approximately 100 annually, boosting the current statewide annual production of STEM teachers by at least 20%.

The UTeach Alabama initiative is meeting the urgent need to rebuild the STEM teacher workforce in Alabama by producing high-quality teachers for the state's middle schools and high schools.

Alabama STEM Teacher Production, 2011–2022



The initiative launched in 2022 as part of a larger effort to improve STEM education across the state. The Alabama Legislature committed \$14 million over five years to fully accredited, state-supported Alabama higher education institutions to recruit and prepare secondary STEM teachers.

More than 719 STEM majors have participated in at least one UTeach course, exposing nearly 10,000 K–12 students to hands-on STEM learning across more than 300 K–12 classrooms in 36 Alabama school districts.

719

Total STEM majors who have explored teaching

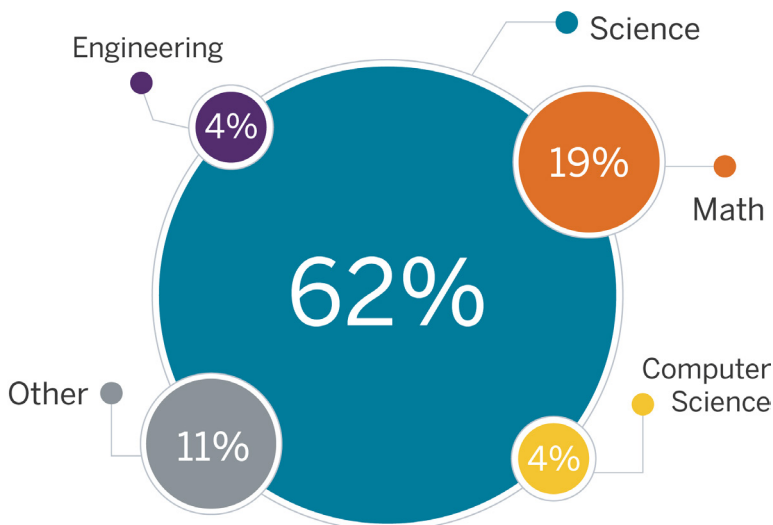
57%

Students at new UTeach programs who say they would not have considered a career in teaching if the program did not exist

100%

Students receive financial supports to explore teaching (scholarships, reimbursements, and stipends)

UTEACH STUDENT STEM MAJORS



“I feel like teaching is the perfect way to learn every day—just learn from everyone, including your students and peers.”

Kivy Hicks
Physics major
Alabama A&M University

Even before they graduate and become teachers, UTeach students are a strong presence in K–12 schools.

9,500

K–12 students have engaged in hands-on science and math lessons taught by UTeach students in field experiences

313

Classroom teachers have received training and provided mentorship to STEM majors exploring teaching



“The best thing is the early placements and field experience. It makes you more comfortable and more prepared.”

Sy Stanfield
Mathematics major
Athens State University

36 districts hosting UTeach students for field experiences

Athens City Schools
Auburn City Schools
Baldwin County Public Schools
Bibb County School District
Birmingham City Schools
Cleburne County Schools
Cullman City School District
Demopolis City Schools
Fairfield City School District
Fort Payne City Schools
Hartselle City Schools
Homewood City Schools

Hoover City Schools
Huntsville City Schools
Jackson County School District
Jefferson County Schools
Limestone County School District
Madison City Schools
Marengo County School District
Marion County School District
Mobile County Public Schools
Montgomery Public Schools
Morgan County Schools
Opp City Schools

Phenix City Schools
Pike Road Schools
Priceville City Schools
Saraland City Schools
Scottsboro City Schools
St. Clair County Schools
Sumter County School District
Tallapoosa County Schools
Thomasville City Schools
The School District of Lee County
University Charter School District
Vestavia Hills City Schools



“I love getting to work one-on-one with mentor teachers in the schools and the Master Teachers in the program. You get feedback from two people. It’s been such a great experience overall.”

Kaitlyn Rotton
Biology major
The University of West Alabama



"I just absolutely adore this program. This is the best thing ever. I love it."

Sara Jo Gilmore
Mathematics major, Auburn University at Montgomery



THE UNIVERSITY OF ALABAMA
AT BIRMINGHAM



THE UNIVERSITY OF
WEST ALABAMA



"Teachers are always needed because we wouldn't have the knowledge that we have today without being taught by someone. And you need influential people to be those teachers."

Ja'lah Tenner
Mathematics major, University of South Alabama

The Alabama STEM Council directs the legislative appropriation, with the Alabama Commission on Higher Education serving as the fiscal agent. The UTeach Institute at The University of Texas at Austin provides program evaluation and implementation support to the partner universities.



Alabama
Commission on
Higher Education



Alabama
STEM Council



The University of Texas at Austin
College of Natural Science