# UTeach–Georgia Replication SPRING 2014

The UTeach Institute partners with 39 universities to implement UTeach programs across 19 states nationwide. Three of these universities, all of which began implementation in Spring 2012, are located in Georgia: Columbus State University, Southern Polytechnic State University, and University of West Georgia. These universities have a program enrollment of 378 students statewide and have produced 3 graduates. Graduates of these programs are projected to teach approximately 160,000 secondary science, technology, engineering, and mathematics (STEM) students by 2020.

## UTEACH – GEORGIA PROGRAM ENROLLMENT, SPRING 2014

University of West Georgia (UWG) — **199**

59 — *Southern Polytechnic State University (SPSU)*

Columbus State University (CSU) — **120**
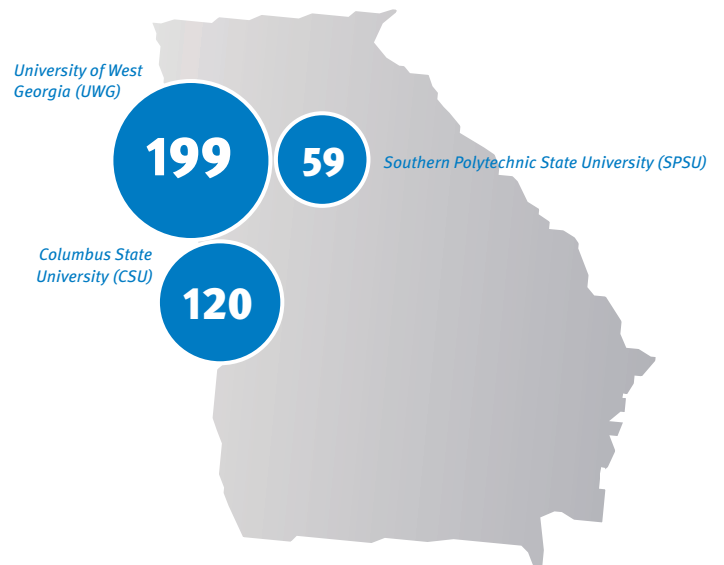
GROWTH IN PROGRAM ENROLLMENT GEORGIA UNIVERSITIES IMPLEMENTING UTEACH

SPRING 2012: 108
SPRING 2013: 337
SPRING 2014: 378

Legend: SPSU, CSU, UWG
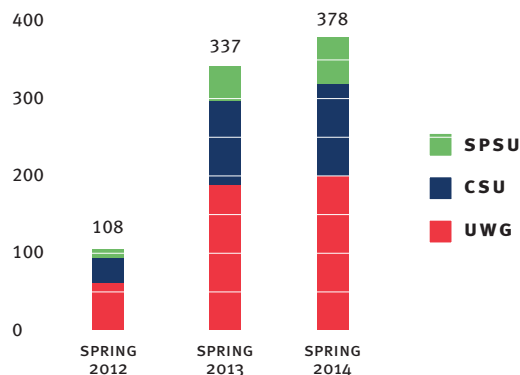
PROJECTED NUMBER OF STUDENTS TAUGHT BY UTEACH GRADUATES FROM GEORGIA UNIVERSITIES

Projected Number of Students Taught — up to 160,000

Legend: SPSU, CSU, UWG
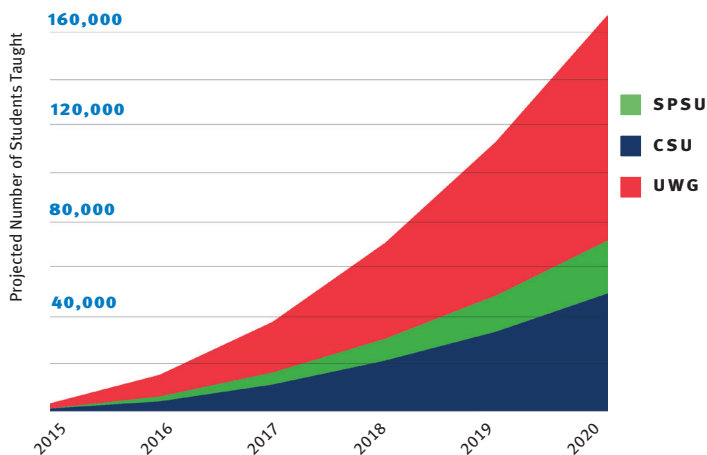
UTEACH PROGRAM GRADUATES GEORGIA UNIVERSITIES *(CUMULATIVE COUNT)*

2015	2016	2017	2018	2019	2020
35	115	200	270	350	430
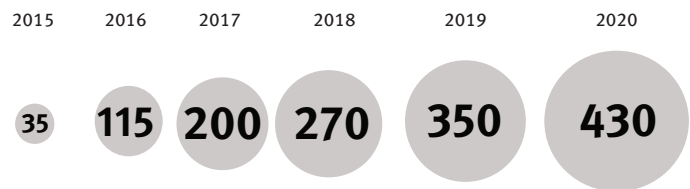
UTeach Institute

The UTeach Institute was established in 2006 at UT Austin to support replication of the UTeach secondary STEM teacher preparation program at universities across the country and to lead efforts toward continuous improvement of the UTeach model.

Assumptions: 80% of teachers will be retained for at least five years. Each will serve 150 students per year.

Hallmarks of a UTeach Program

- Active cross-college and school district collaboration
- Compact and flexible degree plans
- Active student recruitment and support
- Rigorous, research-based instruction
- Early, continuous, and intensive field experiences
- Course sequence integrating themes important to STEM education
- Continuous support provided by dedicated, experienced, successful teacher leaders
- Comprehensive induction support for graduates

UTeach Students . . .

- Acquire deep subject-matter knowledge
- Demonstrate pedagogical content knowledge in STEM disciplines
- Develop research and information analysis skills
- Design and implement inquiry-based instruction
- Employ problem- and project-based instructional design
- Practice inclusive design and equitable instruction
- Employ effective assessment of student learning
- Develop proficiency in core mathematics and scientific practices

UTeach Replication Funding

Funding sources for UTeach replication come from individual, private, foundation, state, and federal grants. The UTeach Institute partners with the National Math and Science Initiative and the states of Texas, Tennessee, Georgia, Massachusetts, Florida, Arkansas, and Maryland to replicate UTeach at universities across the country. For a list of our strategic partners, see uteach-institute.org/about/detail/strategic-partners.

UTEACH – GEORGIA STUDENT ENROLLMENT BY MAJOR

BIOLOGY **30%**
MATHEMATICS **28%**
CHEMISTRY **8%**
ENGINEERING **4%**
PHYSICS **3%**
COMPUTER SCIENCE **2%**

"One of my goals for a long time has been not only to teach, but to motivate, inspire, make a difference in other people's lives."

STUDENT ENROLLED IN A UTEACH PROGRAM

About UTeach

The UTeach program at The University of Texas at Austin began in 1997 as a way of introducing undergraduate math, science, and computer science majors to secondary teaching. UTeach's mission is to recruit, prepare, and retain qualified STEM teachers.

Highlights of the UTeach Program at UT Austin:

- 878 UTeach graduates
- 535 students currently enrolled
- Approximately 90% of graduates enter the teaching profession
- 80% of UTeach graduates who begin teaching are still in schools 5 years later
- 7 full-time master teachers (clinical faculty) work with students throughout the program
- 120 mentor teachers, university facilitators, and portfolio reviewers work with UTeach students every year
- An average of 90 students per semester receive internships or scholarships
- About 32% of all UTeach students come from two key underrepresented minority populations (Hispanic and African American)

UTEACH AT UT AUSTIN GRADUATES TO DATE: 878*

*Preliminary