

Mission

Using chemistry to bridge the gap from high school to college via a set of dual-credit chemistry courses, the ChemBridge Program provides college preparatory experiences to participating students in high schools that are underrepresented at postsecondary institutions.

Program Overview

Established in 2003, the ChemBridge Program is a collaborative partnership among participating Texas high schools, the College of Natural Sciences and the Division of Diversity and Community Engagement at The University of Texas at Austin. Within the support network of students' high school campuses, ChemBridge allows underrepresented high school students to earn six hours of college Chemistry in Context credit upon satisfactory completion of the web-based courses. Concurrently, students earn two semesters of high school credit for an advanced science class that serves as an Advanced Measure under the Texas Education Agency Distinguished Achievement Program. Additionally, ChemBridge exposes students to several science, technology, engineering, and mathematics (STEM) fields through its Chemistry in Context curriculum and interactive campus visits to The University of Texas at Austin.

Program Elements

ChemBridge consists of three main elements:

- A two-semester dual-credit chemistry opportunity for high school juniors and seniors that offers Chemistry in Context I (CH 304K) and Chemistry in Context II (CH 305), which are generally taken by non-science majors and correspond to 1305 and 1307 in the Texas Common Course Numbering system
- Week-long summer and two-day winter teacher professional development workshops that focus on course curriculum, pedagogy, technology components and program procedures
- High school student full-day visitation to The University of Texas at Austin that offers both academic and college awareness activities

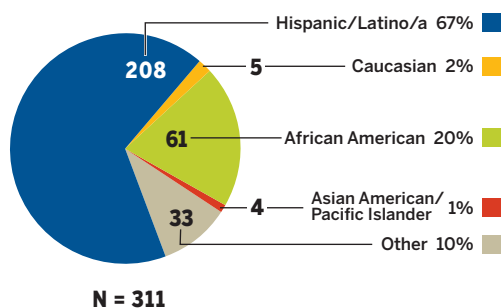
ChemBridge 2011–2012 Participant Demographic Information

The ChemBridge Program served **311** students during the 2011-12 academic year. Seventeen Texas high schools in Austin, Beaumont, Houston, Laredo, Manor, and San Antonio participated in the program. Of ChemBridge senior questionnaire respondents, **95%** matriculated to a postsecondary institution immediately following high school graduation by Fall 2012.

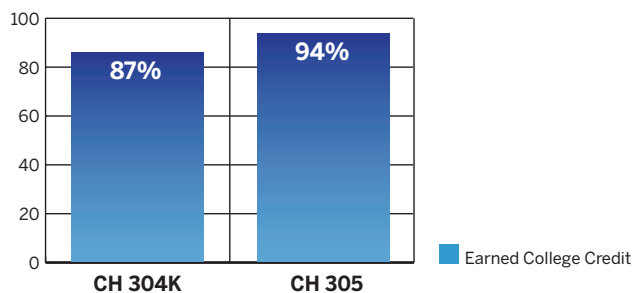
Participating Schools

DISTRICT	HIGH SCHOOL
Austin ISD	Lanier, LBJ, Reagan, Travis
Beaumont ISD	Central
Copperas Cove ISD	Copperas Cove
Houston ISD	Madison, Yates
Manor ISD	Manor
San Antonio ISD	Brackenridge, Burbank, Edison, Highlands, Houston, Jefferson, Lanier
Catholic Diocese of Laredo	St. Augustine (<i>Non-target campus</i>)

Program Participants by Ethnicity



Student Performance Outcomes



Students who were not able to complete the courses received a Q-drop instead of a grade.