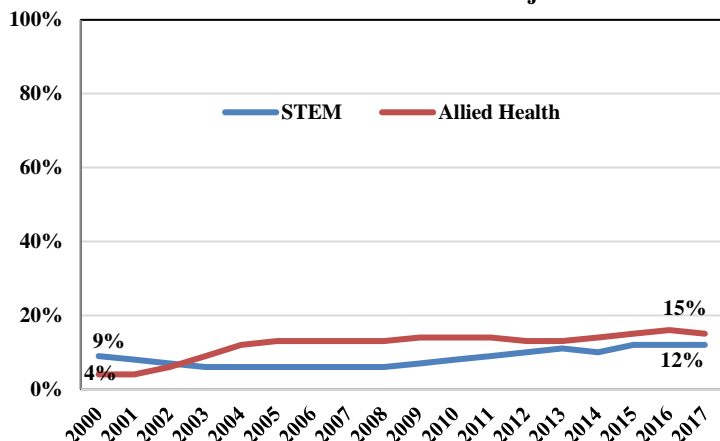


STEM and Allied Health Majors at Chabot: Representation and Equity

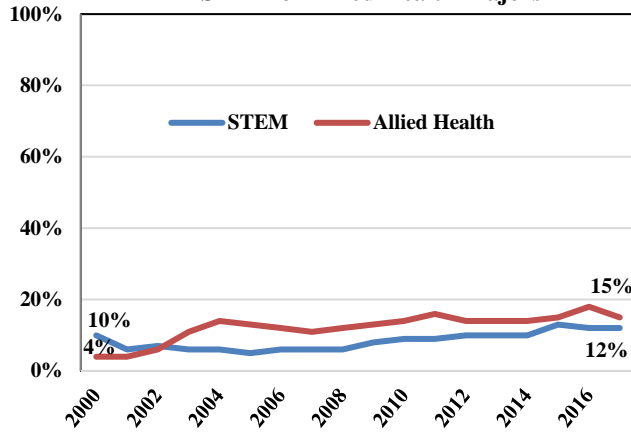
STEM majors represented 12 percent of all Chabot students in Fall 2017; Allied Health (AH) majors were another 15 percent. Both of these majors increased in the past 17 years – STEM majors from 9 to 12 percent, and AH majors from 4 to 15 percent. These percentages and increases were similar for new students. 27 percent of new students are now in one of these majors.

STEM majors, which include Science, Engineering, and Math; and Allied Health majors, which include Nursing, Dental Hygiene, and Medical Assisting, are recognized as leading to high demand and/or high salary occupations. Ensuring that students have information, access, and support to pursue these majors is a goal of several Chabot grants and initiatives.

Percentage of ALL Students in STEM or Allied Health Majors



Percentage of NEW Students in STEM or Allied Health Majors



Gender and Race-ethnicity of New Students in STEM and Allied Health Majors

Women have long been a minority in STEM majors, and their representation in STEM majors among incoming new students decreased from 34 percent in Fall 2000 to 26 percent in Fall 2017. In Allied Health Majors, women have always been the majority, but they dropped from 89 percent to 71 percent among new student AH majors as more men entered these fields.

The major race-ethnicity groups among new Chabot students vary in their representation in these majors compared to their representation on campus. The percentages of new African Americans, Filipinos, and Latinos in STEM majors closely reflect their representation at Chabot. As the percentage of Latino students grew to 40 percent of all students, their percentage among incoming STEM majors also increased to 39 percent. Asian Americans are over-represented in STEM majors, and white students are under-represented. In Allied Health majors, Latino students are over-represented, comprising half of the students in these majors, while most other groups more closely reflect their representation on campus.

GENDER of NEW Students

		Female	Male
STEM	Fall 2000	34%	66%
	Fall 2004	27%	73%
	Fall 2008	30%	70%
	Fall 2012	29%	71%
	Fall 2014	23%	77%
	Fall 2016	25%	75%
	Fall 2017	26%	74%
Allied Health	Fall 2000	89%	11%
	Fall 2004	83%	17%
	Fall 2008	81%	19%
	Fall 2012	77%	23%
	Fall 2014	70%	30%
	Fall 2016	73%	27%
	Fall 2017	71%	29%

RACE-ETHNICITY of NEW Students

Afri Am	Asian Am	Filipino	Latino	White
11%	46%	11%	15%	18%
10%	31%	7%	18%	33%
17%	33%	13%	22%	15%
8%	26%	12%	40%	14%
12%	25%	11%	39%	13%
10%	31%	10%	38%	12%
9%	31%	11%	39%	9%
15%	13%	26%	31%	15%
18%	16%	22%	29%	15%
21%	13%	20%	33%	13%
17%	12%	12%	52%	6%
12%	14%	12%	52%	9%
14%	13%	12%	54%	8%
14%	13%	14%	50%	9%