

San Francisco State University

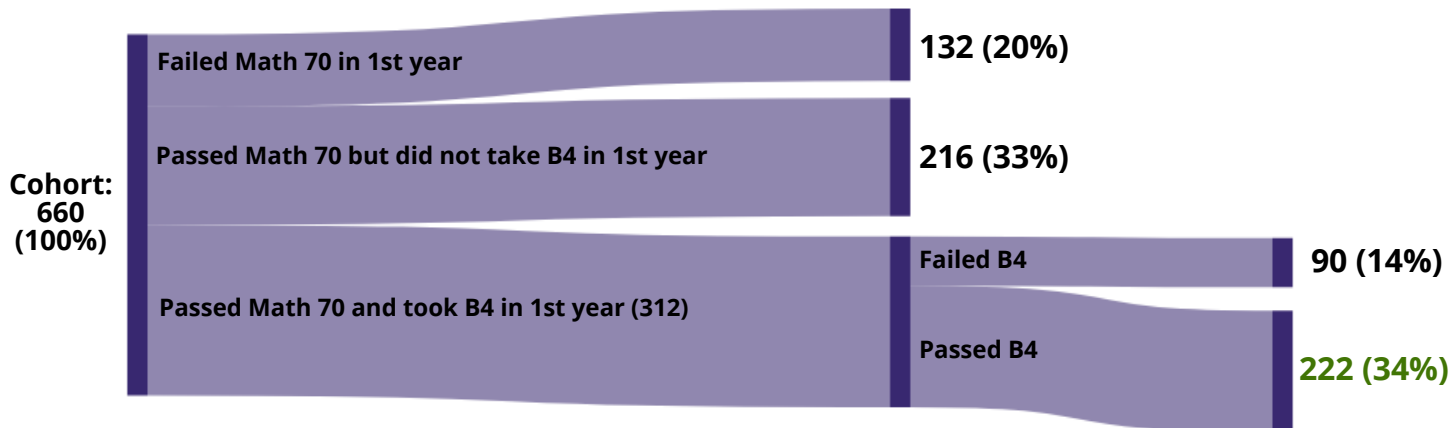
ACADEMIC PATHWAY PREPARATION: AN ALTERNATIVE TO REMEDIATION

As of fall 2018, all incoming freshmen in the CSU system who need additional academic support to complete their GE writing (A2) or quantitative reasoning (B4) requirement must be allowed to do so in college-level courses that carry baccalaureate credit toward their degrees. This change has the effect of shifting away from pre-baccalaureate developmental coursework that does not count toward a student's degree units.

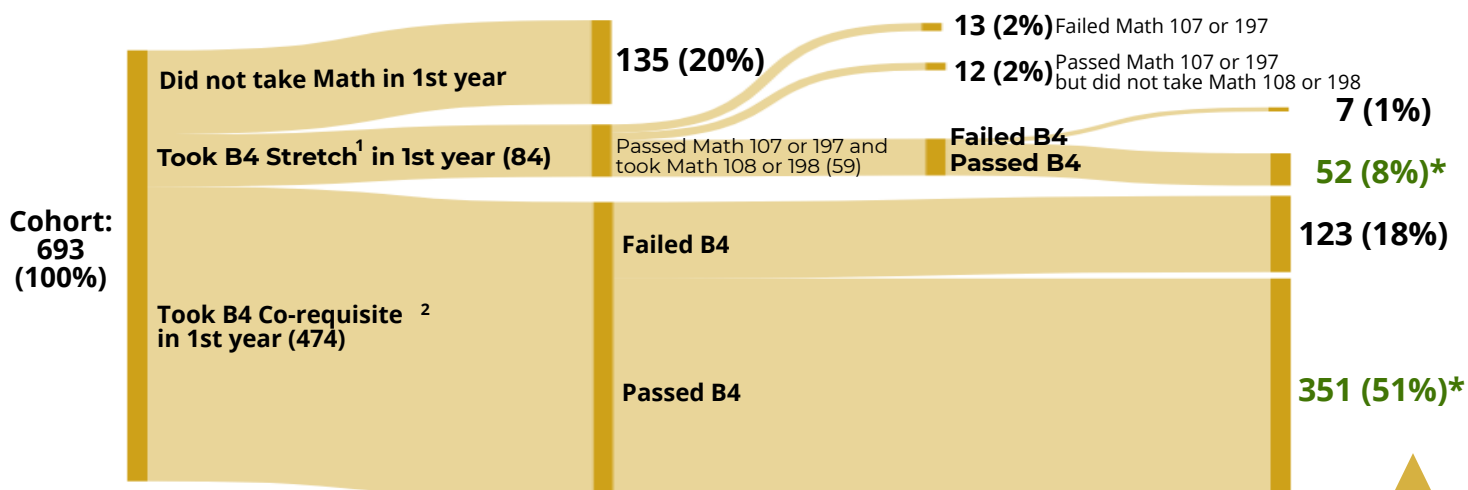
At SF State, our GE writing courses used this baccalaureate credit model, with stretch courses (ENG 104/105 or ENG 201/202) for students who need additional support. In fall 2018, our GE math courses moved to this model as well, switching from Developmental Math to co-requisite math courses. In this report, we share some preliminary results on the impact of this change for the fall 2018 freshmen who required additional academic support in math. There are four pathways of Math placement. Here we focus on the two pathways where additional support is necessary (Pathways 3 and 4).

Math Pathway 3 Executive Order 1110

Pre-EO 1110 (Fall 2016 First-time Freshmen Cohort)



Post-EO 1110 (Fall 2018 First-time Freshmen Cohort)



*With EO 1110, 58% of Pathway 3 students completed their B4 requirement with baccalaureate credits during the first year. This is 24% higher than the former requirement.

¹Stretch Option: Credit-bearing 2-semester sequence aimed at STEM and Business majors.

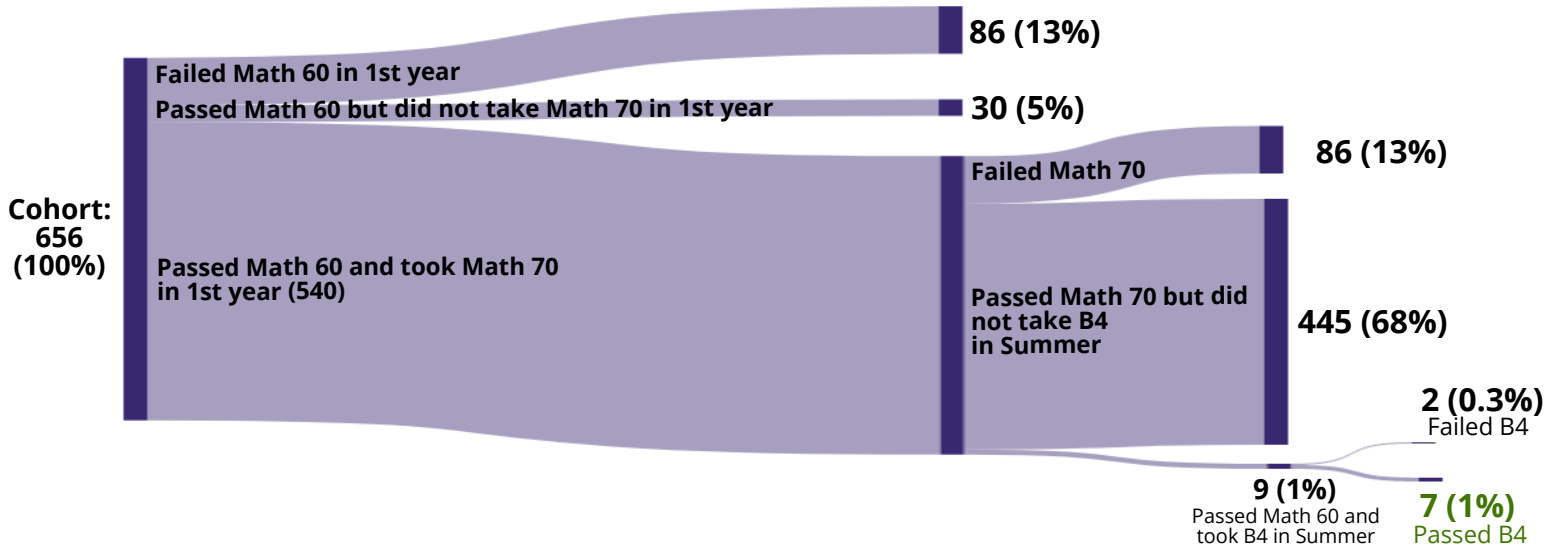
²Co-requisite Option: Credit-bearing 1-semester co-requisite support course.

***403 (58%)
Total
Passed
B4**

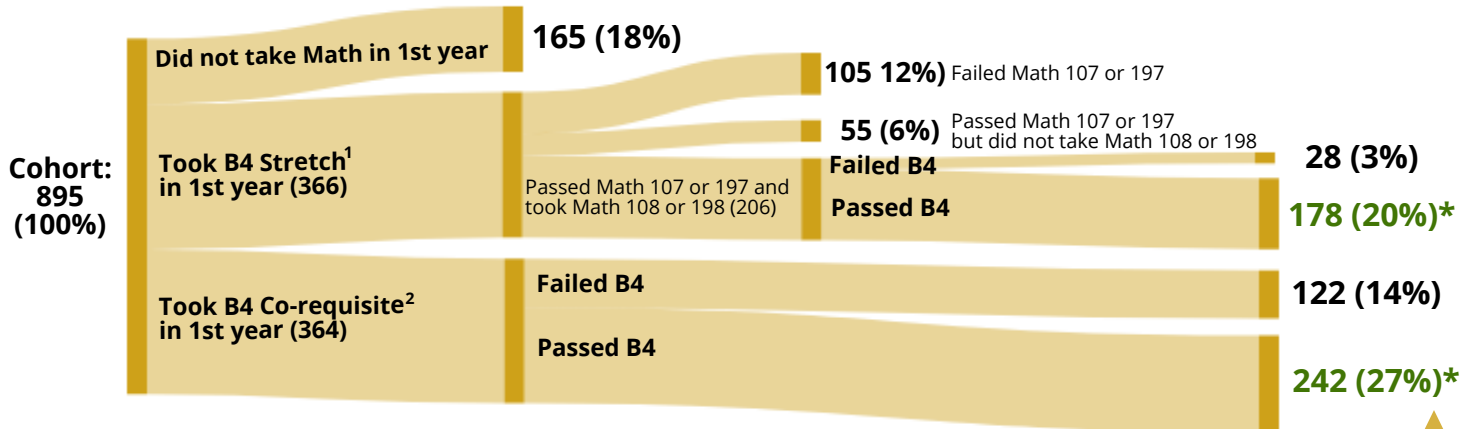
Math Pathway 4

Executive Order 1110

Pre-EO 1110 (Fall 2016 First-time Freshmen Cohort)



Post-EO 1110 (Fall 2018 First-time Freshmen Cohort)



* With EO 1110, 47% of Pathway 4 students completed their B4 requirement with baccalaureate credits during the first year. This is 46% higher than the former requirement.

¹ Stretch Option: Credit-bearing 2-semester sequence aimed at STEM and Business majors.

² Co-requisite Option: Credit-bearing 1-semester co-requisite support course.

Preliminary Conclusions

Under the new model, more first-time freshmen needing additional support successfully completed their GE mathematics/quantitative reasoning courses and received college credits for this work in their first year. These early results are very promising and are in line with other universities that have made similar changes. SF State will continue to examine the impact of these changes on student success.



**SAN FRANCISCO
STATE UNIVERSITY**

San Francisco State University
1600 Holloway Avenue
San Francisco, CA 94132