

CSU The California State University

Expanding Opportunity through Preparation in Quantitative Reasoning

CSU Board of Trustees
Committee on Educational Policy—Item 5
July 23-24, 2019

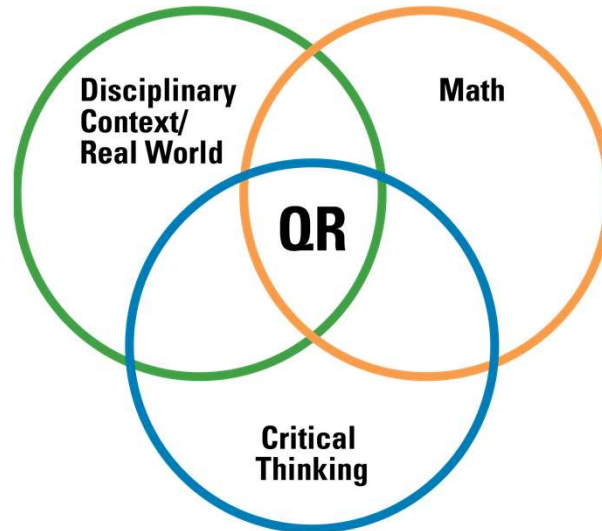


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Overview

- What is quantitative reasoning?
- What is under consideration?
- Why is the CSU considering a quantitative reasoning admission requirement?
- What comes next?

What is “Quantitative Reasoning?”



Association of American Colleges & Universities

What is under consideration?

- An admission requirement that incoming high school students must have completed one course of quantitative reasoning
- Requirement could be fulfilled by coursework in science, math or an elective course with a quantitative reasoning foundation
- 96% of CA high schools currently offer a qualifying course that would enable students to meet the new requirement

Current “a-g” Requirements

Area	Subject	Courses
a.	History and Social Science	2
b.	English	4
c.	Mathematics	3
d.	Laboratory Science	2
e.	Language Other Than English	2
f.	Visual and Performing Arts	1
g.	College Preparatory Elective or an additional course from a-f	1
Total Required Courses		15

Proposed “a-g” Requirements

Area	Subject	Courses
a.	History and Social Science	2
b.	English	4
c.	Mathematics	3
d.	Laboratory Science	2
e.	Language Other Than English	2
f.	Visual and Performing Arts	1
g.	College Preparatory Elective or an additional course from a-f AND a course from mathematics, laboratory science or select college preparatory electives	2
Total Required Courses		16

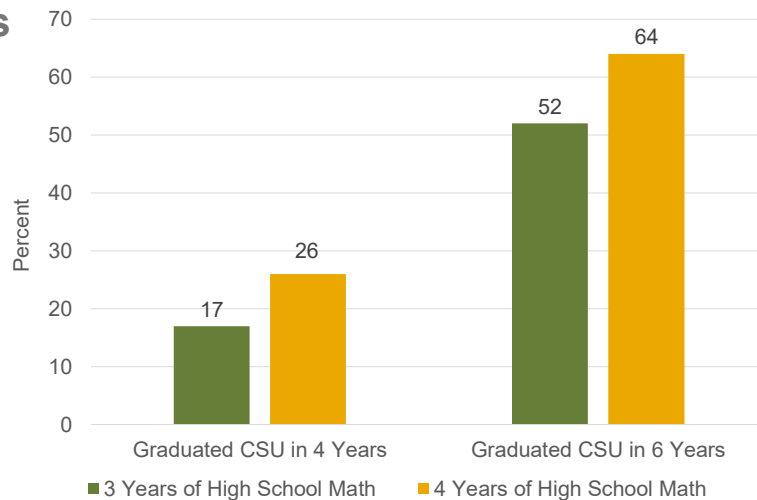
Clarifying Misconceptions

This is not...

- A senior year requirement
- A mathematics requirement
- A requirement that would go into effect immediately
- A requirement that will disadvantage students who have limited course access in high school
- A requirement aimed at changing the composition of the CSU student population

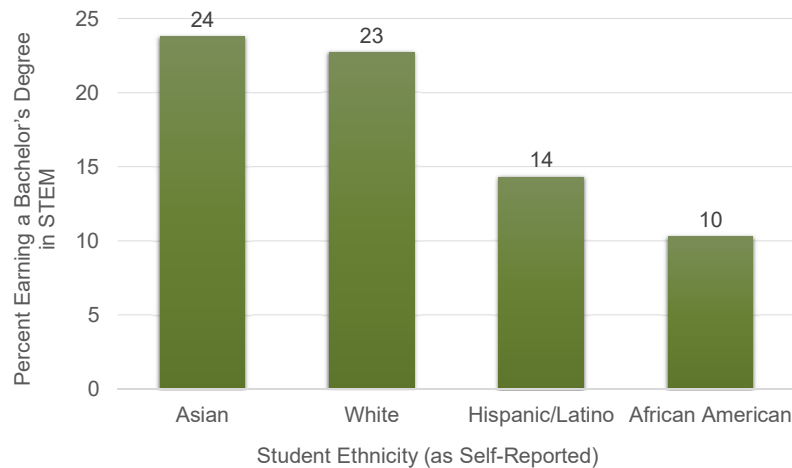
Why a Requirement?

Increase the level of preparation to support student success



Why a Requirement?

Create more equitable access to STEM majors and careers



Why a Requirement?

“Genuine equity lies in providing students from all backgrounds with equitable prospects not only for admission and graduation (access), but also for meaningful degrees that prepare them for high value careers after graduation (opportunity).”

~ASCSU QRTF Report

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Neal Finkelstein

Co-Director, Innovation Studies
WestEd



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What comes next?

- **August 29:** Special convening of the Committee on Educational Policy
- **September 24-25:** Presentation of formal proposal to the board as an information item
- **November 19-20:** Presentation of formal proposal to the board for action

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