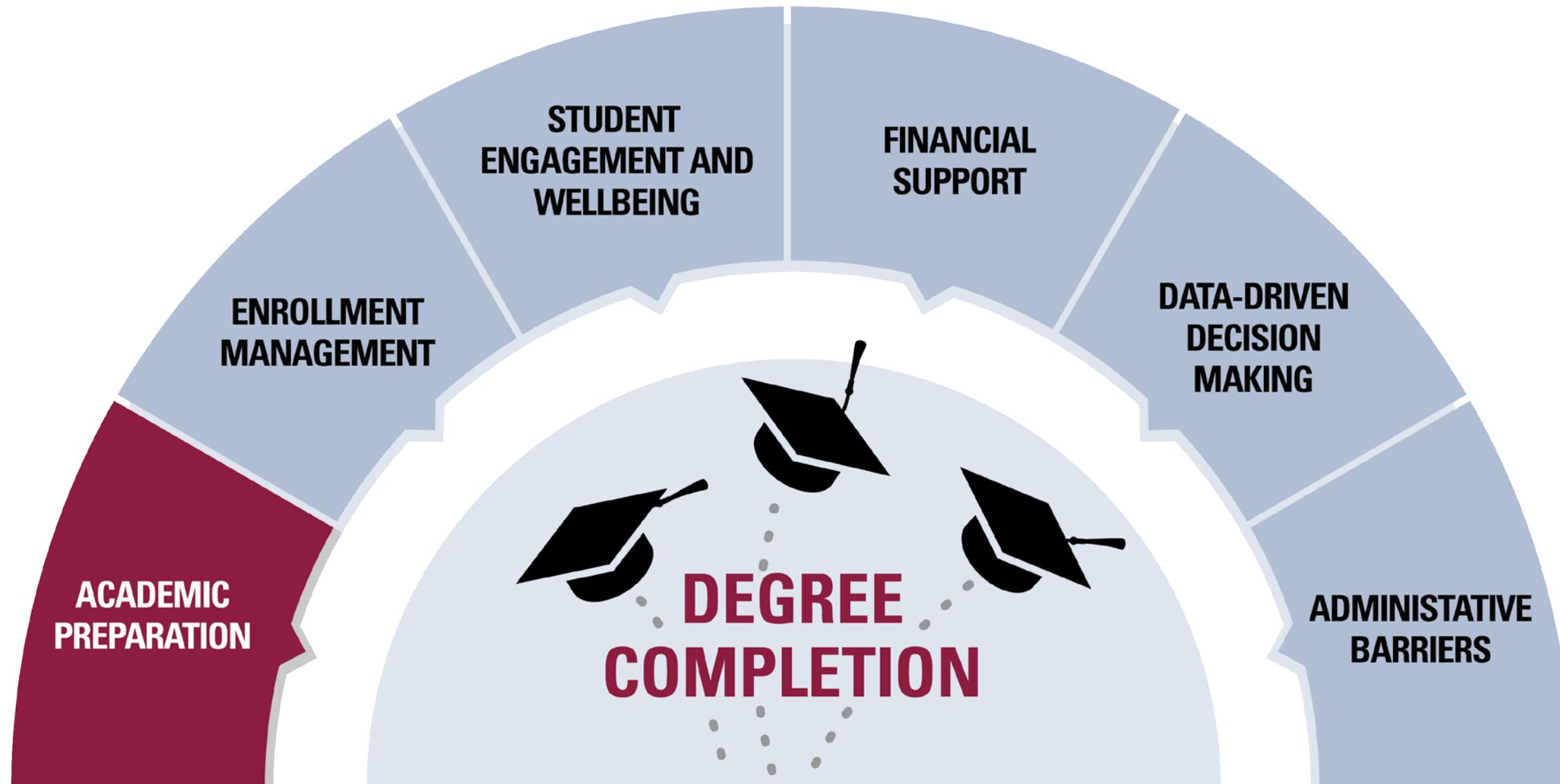


EXECUTIVE ORDER 1110





Academic Preparation Goals established during the March 2017 Board of Trustees meeting

- **Promote Four Years of Math/Quantitative Reasoning**
- **Improve Assessment and Placement**
- **Strengthen Early Start Program**
- **Restructure Developmental Education**



AB 97 Budget Act

No later than May 1, 2018, the Trustees of the California State University shall change university policies and practices related to placement of students in remedial or developmental programs and activities, including placing significant weight in the determination of placement for first-time freshmen on courses taken in high school and grades in high school courses.

Assessment and Placement

- Retires the ELM and EPT
- Retains all other measures used to determine college readiness (SBAC, ACT, SAT, AP, etc.)
- Incorporates the use of available H.S. grades, g.p.a. and course-taking as a stronger predictor



Strengthening Early Start

- Transition from a 1 unit opportunity to an opportunity to earn college credit on day one
- Allows for 2 units of pre-baccalaureate instruction attached to college-level/GE courses
- Requires articulation and systemwide recognition
- Retains fee waivers for qualifying students
- Change effective summer 2019



Restructuring Developmental Education

- Eliminates non credit-bearing pre-requisite courses
- Places students into GE courses and allows 1 unit of pre-baccalaureate instruction for students who need additional academic support
- Requires campuses to offer sufficient number of GE Math/Quantitative Reasoning and Written Communication courses



Additional mentions.....

- Academic quality and rigor
- \$10M in support to campuses
- On-going Professional Development Opportunities
- Academic Preparation Workgroup



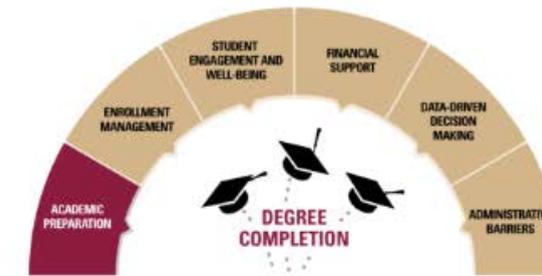
Resources

- Policy documents
- Faculty and professional development opportunities
- Timeline, compilation of feedback submitted and FAQ
- calstate.edu/academicpreparation



Academic Preparation

The CSU is committed to a new approach to academic preparation in which all students are afforded the opportunity and support needed to complete 30 college-level semester units (or 45 quarter units) before beginning their second academic year. Here you'll find a variety of resources in support of these efforts.



[Learn More About Graduation Initiative 2025 »](#)

To learn more about the CSU's approach to academic preparation, watch the March 2017 Board of Trustees presentation or review the presentation materials.



Policy Changes

Recent policy changes related to academic preparation outline new approaches for assessment, placement, the Early Start Program, and developmental education for first-year students.

[Executive Order 1110](#)

[Frequently Asked Questions](#)



Professional Development

Learn about opportunities and resources for campus faculty and staff to keep up with the latest thinking about ways to improve academic preparation.

[Explore Opportunities](#)



Resources

Explore these articles, research, presentations and websites for a clearer picture of the work being done.

[Find Resources](#)

calstate.edu/academicpreparation



EO 1100 Revised



EO 1100 Revision Scope

1. Clarity

2. Equity

3. Facilitating Degree Completion

Specify that UDGE is in Areas B, C and D

	Semester units required for transfer (ADT & full certification)	Semester units required for CSU GE Breadth	Semester units remaining after transfer
Area A	9	9	0
Area B	9	12	3
Area C	9	12	3
Area D	9	12	3
Area E	3	3	0
Totals	39	48	9

EO 1100 Revision Scope

1. Clarity

2. Equity

**3. Facilitating
Degree
Completion**

Removed B4 “Intermediate Algebra”

QRTF Report:

- 42% of CSU freshmen take non-algebra intensive courses
- Difference between CSU and CCC practices “undermine the principle of equitable access to the CSU”

Range of B4 courses explicitly expanded

QRTF Report: “The Task Force recommends updating this definition to include other kinds of quantitative reasoning.”

“Nationally [college algebra requirements] are being replaced by pathways that are tailored to a student’s major or career.”



Academic Programs and Faculty Development

- [California Pre-Doctoral Program](#)
- [CSU Institute for Teaching and Learning](#)
- [New Program Development](#)
- [Program Modification](#)
- [Policies](#)
- [CSU Programs](#)
- [Accreditation](#)
- [Analytic Studies](#)
- [Honorary Degrees](#)
- [GE Math/QR](#)

GE Mathematics and Quantitative Reasoning

In CSU General Education mathematics courses, students will not only learn mathematical concepts but will be able to apply them in real-world situations. Through quantitative reasoning, students will be able to solve problems and make informed decisions.

CSU faculty are innovators in mathematics/quantitative reasoning education, offering a wide array of courses through which students develop both abstract approaches to problem solving and the practical modeling of real world data.

- [Teaching Resources](#)
- [Outcomes and Assessments](#)
- [CSU GE Math/Quantitative Reasoning Courses](#)
- [Mathematics/Quantitative Reasoning in Policy](#)

For more information about CSU General Education Breadth Mathematics and Quantitative Reasoning Requirements, contact:

CSU GE Math/Quantitative Reasoning Courses

CSU faculty are innovators in mathematics/quantitative reasoning education, offering courses through which students develop both abstract approaches to problem solving and the practical modeling of real world data.

CSU baccalaureate-level GE courses include, for example:

- | | |
|--|---|
| Advanced Research Investigations | Mathematical Statistics for Nursing |
| Analytic Geometry and Calculus I, II, III | Mathematics and Fine Arts |
| Calculus I, II, III | Mathematics as a Liberal Art Media-Propelled Computational Thinking |
| Calculus for Business Applications | Personal Finance |
| College Algebra | Philosophy of Mathematics |
| Computer Science I | Precalculus |
| Computational Thinking | Quantitative Analysis |
| Elementary Statistics | Quantitative Methods for Biology |
| Ethnomathematics | Scientific Computing |
| Finite Mathematics | Statistical Methods for Research |
| Gambling and Games of Chance | Statistical Principles and Practices |
| Geographic Information Science and Spatial Reasoning | Statistics for Social Sciences |
| Introduction to Statistics for the Health Sciences | Strategies and Game Design |
| Introductory Biostatistics | Survey of Calculus for Management and Life Sciences |
| Logic and Mathematical Reasoning | Symmetry in the Arts and Sciences |
| Logic and Computing | Technical Calculus |
| Math for Games, Simulations and Robotics | Trigonometry |
| Mathematical Ideas | Trigonometry and Analytic Geometry |

[More Courses](#)



Academic Programs and Faculty Development

[California Pre-Doctoral Program](#)

[CSU Institute for Teaching and Learning](#)

[New Program Development](#)

[Program Modification](#)



GE Mathematics and Quantitative Reasoning

In CSU General Education mathematics and quantitative reasoning courses, students will not just practice computational skills, but will be able to explain and apply basic mathematical concepts and will be able to solve problems through quantitative reasoning.

CSU faculty are innovators in

⬇ Mathematics/Quantitative Reasoning in Policy

- **EO 1100 Revised 8/23/17** General Education Breadth Requirements
- **EO 1100 Math/QR FAQ**
- **EO 1110** Assessment of Academic Preparation and Placement in First-Year General Education Written Communication and Mathematics/Quantitative Reasoning Courses

EO 1100 Revision Scope

1. Clarity

2. Equity

**3. Facilitating
Degree
Completion**

Require double counting

- Of major and other courses already approved for GE

EO 1100 Revision Scope

1. Clarity

2. Equity

**3. Facilitating
Degree
Completion**

Multiple purposes at once

Make clear that 48 units is the total minimum and maximum; clarify Area units required.

Cultural Diversity and Ethnic Studies Requirements

Survey feedback

All campuses but one double count cultural diversity requirements with GE requirements.

EO 1100-Revised requires double counting

No discipline is excluded.

GE policy 1980-present

No discipline is excluded from CSU GE Breadth.



Resources

www.calstate.edu

calstate.edu/academicpreparation