EXECUTIVE ORDER 1110
The California State University

Degree Completion

- Academic Preparation
- Enrollment Management
- Student Engagement and Wellbeing
- Data-Driven Decision Making
- Administrative Barriers
- Financial Support
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
EO 1100 Revised
Systemwide Consultation

EO 1100 Revision Scope

1. Clarity

2. Equity

3. Facilitating Degree Completion

www.calstate.edu/app/policies
EO 1100 Revision Scope

Specify that UDGE is in Areas B, C and D

<table>
<thead>
<tr>
<th>Area</th>
<th>Semester units required for transfer (ADT &amp; full certification)</th>
<th>Semester units required for CSU GE Breadth</th>
<th>Semester units remaining after transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A</td>
<td>9</td>
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<td>Area B</td>
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<tr>
<td>Area C</td>
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<td>Area D</td>
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<tr>
<td>Area E</td>
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<tr>
<td>Totals</td>
<td>39</td>
<td>48</td>
<td>9</td>
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</tbody>
</table>
EO 1100 Revision Scope

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

For more information about CSU General Education Breadth Mathematics and Quantitative Reasoning Requirements, contact: [www.calstate.edu/app/mathqr](http://www.calstate.edu/app/mathqr)
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

http://www.calstate.edu/app/mathqr/
EO 1100 Revision Scope

1. Clarity
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Require double counting
- Of major and other courses already approved for GE
EO 1100 Revision Scope

1. Clarity

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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

calstate.edu/academicpreparation