

7 **Policy Recommendation:**
8 **Restoring Options for Students with Quantitative Reasoning**
9 **Disabilities Affecting Math Skills**
10

11 **BACKGROUND**

12 *Dyscalculia* is broadly defined as a learning disability in which affected persons have
13 difficulty in learning and comprehending quantitative reasoning; and there is precedent
14 in higher education (including in the CSU, at Long Beach, Chico, and Los Angeles) for
15 waiver or substitution policies for quantitative reasoning requirements for those
16 diagnosed with dyscalculia and other learning disabilities; and Title 5 (40405.1) permits
17 each campus the right of discretion regarding the number and disposition of GE units so
18 long as the total units are not fewer than 48 (semester); and section 40405.4 allows for
19 exceptions in individual cases of demonstrable hardship; and Executive Order 1065
20 affirms this in 2.2.5 (Exceptions) permitting the campus to grant (in the case of an
21 individual student) an exception to one or more of the particular requirements of Section
22 40405.1.

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24 **WHEREAS** SJSU has an obligation to provide suitable academic pathways and
25 reasonable accommodations to students it admits; and
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27 **WHEREAS** SJSU has never had a quantitative reasoning *waiver* policy though SJSU
28 had a *substitution* process from the 1980's until 2008; and SJSU had a
29 different substitution process from 2008 – 2010, after which the
30 substitution process was terminated by the Office of Undergraduate
31 Studies; therefore be it
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33 **RESOLVED** A *substitution* process be available for all matriculated students identified
34 as having dyscalculia, or a disability related to a quantitative reasoning
35 impairment, verified by the Accessible Education Center (AEC), for whom
36 required completion of a B4 class (and developmental math courses) will
37 effectively prevent the student from ever completing a baccalaureate
38 degree; and be it further
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RESOLVED The process shall honor CSU commitments to critical thinking and logical reasoning consistent with the overall aims of the GE program while respecting the requirements of SJSU degree programs; and be it further

RESOLVED This substitution of the B4 requirement be determined through the collaborative efforts of the SJSU degree program (or, in the case of an undeclared student, the intended degree program), a representative from AEC, and a representative from the Office of Graduate and Undergraduate Programs; and be it further

RESOLVED If the department deems that the B4 requirement is essential for success in a specific degree program then the substitution will not be permitted for that program; and be it further

RESOLVED This policy shall be adopted in time to be effective for those students matriculating for the first time at SJSU in Fall 2016.

Approved (C&R): April 11, 2016

Vote: 8-0-0

Present: Anagnos, Buzanski, Clements, Heil, Mathur, Schultz-Krohn, Sibley, Stacks

Absent: Bacich, Backer, Matoush, Sarras

Curricular Impact: None anticipated.

Financial Impact: None anticipated.

Workload Impact: Additional workload for curricular programs who choose to work with the student, Accessibility Education Center, and the Office of Graduate and Undergraduate Programs to identify a reasonable accommodation.