

AGENDA

COMMITTEE ON EDUCATIONAL POLICY

Meeting: 10:40 a.m., Wednesday, May 25, 2022
Glenn S. Dumke Auditorium

Christopher Steinhauser, Chair
Romey Sabalius, Vice Chair
Larry L. Adamson
Diego Arambula
Jack Clarke, Jr.
Douglas Faigin
Jean Picker Firstenberg
Wenda Fong
Julia I. Lopez
Krystal Raynes
Yammilette Rodriguez

Consent 1. Approval of Minutes of the Meeting of March 22, 2022, *Action*
Discussion 2. Recommended Amendments to Title 5 Regarding Blended Academic
Programs, *Information*

**MINUTES OF MEETING OF
COMMITTEE ON EDUCATIONAL POLICY**

**Trustees of The California State University
Office of the Chancellor
Glenn S. Dumke Auditorium
401 Golden Shore
Long Beach, California**

March 22, 2022

Members Present

Christopher Steinhauser, Chair
Romey Sabalius, Vice Chair
Larry L. Adamson
Diego Arambula
Jack Clarke, Jr.
Douglas Faigin
Jean Picker Firstenberg
Wenda Fong
Julia I. Lopez
Krystal Raynes
Yammilette Rodriguez

Lillian Kimbell, Chair of the Board
Steve Relyea, Acting Chancellor

Trustee Steinhauser called the meeting to order.

Approval of the Consent Agenda

A motion to approve the consent agenda without discussion passed. The minutes from the meeting on January 26, 2022 were approved as submitted.

Agenda Item 2, Academic Planning, was approved as submitted (REP 03-22-02).

Agenda Item 3, Academic Preparation Annual Report, was approved as submitted (REP 03-22-03).

Recommended Amendments to Title 5 Regarding the Intersegmental General Education Transfer Curriculum (IGETC)

In this presentation Dr. Sylvia A. Alva, executive vice chancellor for Academic and Student Affairs, outlined the need to update the Intersegmental General Education Transfer Curriculum (IGETC) to align with recent changes to CSU General Education Breadth. The update includes the addition of a three unit course in ethnic studies. Dr. Alison Wrynn, associate vice chancellor for Academic Programs, Innovations and Faculty Development, outlined how the CSU and the UC were coordinating these changes to better serve community college transfer students. She concluded by providing the proposed Title 5 changes necessary to align the CSU and the UC's shared pathway.

Following the presentation, trustees voiced their support and appreciation for the proposed amendments. The recommended Title 5 amendments to IGETC was approved unanimously (REP 03-22-04).

Recommended Amendments to Title 5 Regarding the Discontinuation of Standardized Examinations for CSU Undergraduate Admission

Executive Vice Chancellor of Academic and Student Affairs Sylvia A. Alva introduced the CSU Admission Advisory Council's (AAC) recommendation to end the use of SAT and ACT scores as a factor in CSU undergraduate admissions. Dr. April Grommo, assistant vice chancellor for Enrollment Management Services, outlined the current use of grade point average and Multiple Factor Admission Score to determine CSU minimum eligibility for admission. Test scores could still be considered by campuses in determining student placement in math and English courses. She shared the AAC would be providing its recommendations for updated admission factors to the interim chancellor for approval.

Trustees voiced their support for the amendment, echoed a public comment regarding including a student's disability in the admission eligibility index and asked for clarification on the definition of a first-time freshman.

The recommended amendment to Title 5 to discontinue standardized examinations for CSU undergraduate admission was approved unanimously (REP 03-22-05).

Authorization of New Doctoral Programs in the California State University

Executive Vice Chancellor for Academic and Student Affairs Sylvia A. Alva provided an overview of the California Master Plan for Higher Education and the CSU's role in providing graduate education. She shared the CSU's unique position in offering professional doctorate degrees to support student success and the state's workforce needs. Dr. Alison Wrynn, associate vice

chancellor for Academic Programs, Innovations and Faculty Development, provided possible options to consider the expansion of awarding professional doctoral degrees. These options could include a systemwide framework in identifying possible new programs as well as more incremental efforts including the request for an authorization for a Doctor of Public Health and the possible expansion of the Doctor of Education. Dr. Wrynn introduced Dr. Tracy Love, dean of Graduate Studies at San Diego State University, to provide detailed information regarding the need for one professional doctoral program for which the CSU might seek authority — the Doctor of Public Health. Dr. Love proceeded to demonstrate the current and future demand for public health professionals.

Trustees posed questions regarding available funding for the proposed doctoral programs and the timeline for approaching the California legislature for authorization. Questions were also posed as to why more of these programs are not currently offered despite demand and what value such programs have for employers. Additionally, committee members were asked to consider the cost to undergraduate programs should professional doctoral programs be expanded.

Trustee Steinhauser adjourned the meeting of the Committee on Educational Policy.

COMMITTEE ON EDUCATIONAL POLICY

Recommended Amendments to Title 5 Regarding Blended Academic Programs

Presentation By

Sylvia A. Alva
Executive Vice Chancellor
Academic and Student Affairs

Alison M. Wrynn
Associate Vice Chancellor
Academic Programs, Innovations and Faculty Development

Summary

This proposed amendment to Title 5 § 40510 would allow blended degree programs – those which combine a bachelor’s and a master’s degree into a single program – to double count up to 12 semester units. As a result, the required semester units to complete both degree programs could be reduced to a minimum 138 semester units. The CSU currently requires a minimum 120 semester units for the bachelor’s degree and minimum 30 units for the master’s degree in a blended degree program. As further guidance in double-counting units, the recommended change would require that 1) none of the required graduate classes is replaced by an undergraduate class and 2) graduate classes that are counted toward the bachelor’s degree either assume the more rudimentary knowledge taught at the undergraduate level or cover the content of the undergraduate courses that they replace.

Background

The availability of the blended path likely will provide access for a larger population of CSU students to obtain graduate degrees. There are currently eight CSU campuses that offer students the opportunity to enroll in a blended degree program. Students in these programs are classified as undergraduates and pay undergraduate tuition until the semester after they have earned 120 blended program-eligible units. At that time, they are classified as graduate students and are charged graduate tuition. Students are awarded both a bachelor’s and master’s degree when they satisfy degree requirements for each degree.

To allow for greater flexibility for both the student and campus, blended programs are not mandated. Rather, this is an optional path. Students who complete the 120-unit bachelor's degree within a blended program will also have the option not to continue on the path to a master’s degree if they so desire. Once an academic policy is articulated, campuses would follow an established

process in developing curricula that begins at the department level and which would subsequently require faculty and campus leadership review and approval.

Existing Blended Program Offerings by Campus

Nearly a third of CSU campuses currently offer students the option of a blended degree programs in disciplines ranging from science and engineering to business and education. At San José State University, the Spartan Accelerated Graduate Education (SAGE) Programs offer students blended degree programs in engineering and education. A primary goal of the SAGE Programs is to help reduce barriers to graduate education, including in STEM-related disciplines. The Chemical Engineering SAGE program, for example, offers students the opportunity to earn their bachelor’s and master’s degrees in five years. Students must meet with an academic advisor every semester and maintain a 3.0 grade point average. The university plans to add a Biomedical Engineering blended degree program if this Title 5 change is approved. With this Title 5 change, the campus will be able to have four graduate courses in Biomedical Engineering include or assume the learning outcomes of the four undergraduate courses they would replace while still assuring the integrity and academic rigor of both degrees. It is believed that more students will pursue the program with a fifth year unit load that is more reflective of other graduate degree programs. What’s more, the ability to earn both degrees in five years makes the program more affordable, resulting in increased access for underserved students.

The following is a list of current blended degree programs offered at the CSU.

Campus	Discipline	Campus Concentration
Fullerton	Engineering	Computer Engineering
Humboldt	Letters	Applied English Studies
Humboldt	Education	Exercise Science
Humboldt	Education	General
Humboldt	Education	Health Promotion
Humboldt	Education	Physical Education Teaching
Humboldt	Education	Pre-health Professions
Humboldt	Psychology	Academic Research
Humboldt	Psychology	Psychology
Los Angeles	Business and Management	Accounting
San Bernardino	Business and Management	3:2 Program Option
San Bernardino	Business and Management	Accounting
San Diego	Engineering	BS Mechanical Engineering + MS Bioengineering

San Diego	Business and Management	Global Business Development
San Diego	Business and Management	Arabic and Middle East & North Africa
San Diego	Business and Management	Chinese and Asia
San Diego	Business and Management	English and North America
San Diego	Business and Management	French and North America
San Diego	Business and Management	French and Western Europe
San Diego	Business and Management	German and Western Europe
San Diego	Business and Management	Italian and Western Europe
San Diego	Business and Management	Japanese and Asia
San Diego	Business and Management	Korean and Asia
San Diego	Business and Management	Portuguese and Latin America
San Diego	Business and Management	Russian and Central Europe
San Diego	Business and Management	Spanish and Latin America
San Diego	Business and Management	Spanish and Western Europe
San Diego	Engineering	BS Mechanical Engineering + MS Bioengineering
San Diego	Engineering	Mechanical Engineering
San Francisco	Business and Management	Accountancy
San Francisco	Social Sciences	Africana Studies
San Francisco	Social Sciences	Anthropology
San Francisco	Social Sciences	Asian American Studies
San Francisco	Biological Science	Biochemistry
San Francisco	Biological Science	Marine Science
San Francisco	Business and Management	Accounting
San Francisco	Business and Management	Decision Sciences
San Francisco	Business and Management	Business Analytics

San Francisco	Physical Science	Biochemistry
San Francisco	Physical Science	Chemistry
San Francisco	Foreign Languages	Chinese
San Francisco	Foreign Languages	Chinese Literature and Linguistics
San Francisco	Foreign Languages	Flagship Chinese Language
San Francisco	Engineering	Civil Engineering
San Francisco	Communications	Communication Studies
San Francisco	Letters	Comparative and World Literature
San Francisco	Engineering	Computer Engineering
San Francisco	Fine And Applied Arts	Design PDD
San Francisco	Fine And Applied Arts	Design VCD
San Francisco	Physical Science	Earth Sciences
San Francisco	Social Sciences	Economics
San Francisco	Engineering	Electrical and Computer Engineering
San Francisco	Engineering	Electrical Engineering
San Francisco	Letters	Literature
San Francisco	Letters	English Literatures
San Francisco	Social Sciences	Ethnic Studies
San Francisco	Physical Science	Geosciences
San Francisco	Health Professions	Gerontology
San Francisco	Social Sciences	History
San Francisco	Letters	Humanities
San Francisco	Fine And Applied Arts	Industrial Design
San Francisco	Interdisciplinary Studies	Interdisciplinary Marine and Estuarine Sciences
San Francisco	Social Sciences	International Relations
San Francisco	Education	Exercise and Movement Sciences
San Francisco	Education	Kinesiology
San Francisco	Social Sciences	Latina/Latino Studies
San Francisco	Letters	Philosophy
San Francisco	Social Sciences	Political Science
San Francisco	Psychology	Developmental Psychology
San Francisco	Psychology	Psychology
San Francisco	Public Affairs And Services	Social Work
San Francisco	Social Sciences	Sociology

San Francisco	Foreign Languages	Spanish
San Francisco	Health Professions	Speech, Language, and Hearing Sciences
San Francisco	Fine And Applied Arts	Theatre Arts
San Francisco	Communications	Visual Communication Design
San Francisco	Social Sciences	Women and Gender Studies
San José	Social Sciences	African American Studies
San José	Engineering	Chemical Engineering
San José	Interdisciplinary Studies	Preparation for Teaching
San José	Education	Teaching
San Luis Obispo	Engineering	BS Aerospace Engineering (Aeronautics Concentration) + MS Engineering Management
San Luis Obispo	Engineering	BS Aerospace Engineering + MS Aerospace Engineering
San Luis Obispo	Engineering	BS Aerospace Engineering + MS Mechanical Engineering
San Luis Obispo	Engineering	BS Architectural Engineering + MS Architectural Engineering
San Luis Obispo	Architecture And Environmental Design	Bachelor of Architecture + MS Architecture
San Luis Obispo	Biological Science	BS Biochemistry General + MS Polymers and Coatings Science
San Luis Obispo	Engineering	BS Biomedical Engineering (Bioinstrumentation Conc) + MS Engineering Management
San Luis Obispo	Engineering	BS Biomedical Engineering (General) + MS Engineering Management
San Luis Obispo	Engineering	BS Biomedical Engineering (Mechanical Design Conc) + MS Engineering Management
San Luis Obispo	Engineering	BS Biomedical Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Chemistry + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Computer Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Materials Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Mechanical Engineering + MS Biomedical Engineering
San Luis Obispo	Physical Science	BS Chemistry + MS Biomedical Engineering
San Luis Obispo	Physical Science	BS Chemistry + MS Polymers and Coatings
San Luis Obispo	Engineering	BS Civil Engineering + MS Civil and Environmental Engineering
San Luis Obispo	Engineering	BS Environmental Engineering + MS Civil and Environmental Engineering

San Luis Obispo	Engineering	BS Computer Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Computer Engineering + MS Computer Science
San Luis Obispo	Engineering	BS Computer Engineering + MS Electrical Engineering
San Luis Obispo	Computer And Information Sciences	BS Computer Engineering + MS Computer Science
San Luis Obispo	Computer And Information Sciences	BS Computer Science + MS Computer Science
San Luis Obispo	Computer And Information Sciences	BS Software Engineering + MS Computer Science
San Luis Obispo	Engineering	BS Computer Engineering + MS Electrical Engineering
San Luis Obispo	Engineering	BS Electrical Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Electrical Engineering + MS Electrical Engineering
San Luis Obispo	Interdisciplinary Studies	BS Aerospace Engineering (Aeronautics Conc) + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Biomedical Engineering (Bioinstrumentation Conc) + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Biomedical Engineering (General) + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Biomedical Engineering (Mechanical Design Conc) + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Environmental Engineering + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Industrial Engineering + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Manufacturing Engineering + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Materials Engineering + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Mechanical Engineering + MS Engineering Management
San Luis Obispo	Interdisciplinary Studies	BS Software Engineering + MS Engineering Management
San Luis Obispo	Letters	BA English + MA English
San Luis Obispo	Engineering	BS Environmental Engineering + MS Civil and Environmental Engineering
San Luis Obispo	Engineering	BS Environmental Engineering + MS Engineering Management
San Luis Obispo	Agriculture And Natural Resources	BS Food Science + MS Food Science
San Luis Obispo	Engineering	BS Industrial Engineering + MS Engineering Management
San Luis Obispo	Engineering	BS Industrial Engineering + MS Industrial Engineering

San Luis Obispo	Engineering	BS Materials Engineering + MS Industrial Engineering
San Luis Obispo	Engineering	BS Manufacturing Engineering + MS Engineering Management
San Luis Obispo	Engineering	BS Materials Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Materials Engineering + MS Engineering Management
San Luis Obispo	Engineering	BS Materials Engineering + MS Industrial Engineering
San Luis Obispo	Engineering	BS Materials Engineering + MS Polymers and Coatings
San Luis Obispo	Mathematics	BS Mathematics + MS Mathematics
San Luis Obispo	Engineering	BS Aerospace Engineering + MS Mechanical Engineering
San Luis Obispo	Engineering	BS Mechanical Engineering + MS Biomedical Engineering
San Luis Obispo	Engineering	BS Mechanical Engineering + MS Engineering Management
San Luis Obispo	Engineering	BS Mechanical Engineering + MS Industrial Engineering
San Luis Obispo	Engineering	BS Mechanical Engineering + MS Mechanical Engineering
San Luis Obispo	Social Sciences	BA Political Science, American Politics + MPP
San Luis Obispo	Social Sciences	BA Political Science, Global Politics + MPP
San Luis Obispo	Social Sciences	BA Political Science, Individualized Course of Study + MPP
San Luis Obispo	Social Sciences	BA Political Science, Pre-Law + MPP
San Luis Obispo	Physical Science	BS Biochemistry General + MS Polymers and Coatings Science
San Luis Obispo	Physical Science	BS Biochemistry, Polymers and Coatings Science + MS Polymers and Coating
San Luis Obispo	Physical Science	BS Chemistry + MS Polymers and Coatings
San Luis Obispo	Physical Science	BS Materials Engineering + MS Polymers and Coatings
San Luis Obispo	Public Affairs And Services	BA Political Science, American Politics + MPP
San Luis Obispo	Public Affairs And Services	BA Political Science, Global Politics + MPP
San Luis Obispo	Public Affairs And Services	BA Political Science, Individualized Course of Study + MPP
San Luis Obispo	Public Affairs And Services	BA Political Science, Pre-Law + MPP
San Luis Obispo	Computer And Information Sciences	BS Software Engineering + MS Computer Science
San Luis Obispo	Computer And Information Sciences	BS Software Engineering + MS Engineering Management

Supporting Student Success

One of the most significant benefits of a blended academic program is the cost and time savings to students who could potentially save up to a full year of study time and associated tuition costs. The CSU enrolls a significant number of Pell Grant-eligible students. As master's degrees have become more popular nationwide and expected for mobility in many disciplines and industries, offering blended programs is likely to increase the social and economic mobility of a more diverse student population. Students would also enjoy a more streamlined administrative process, as there would only be one formal application to the university at the undergraduate level. Once they are accepted into the university, only an internal program application is needed. In addition, their coursework will seamlessly apply to their undergraduate and graduate degree objectives. An additional application is not required to formally apply for the graduate degree program.

Addressing California's Workforce Needs

The practice of double counting units for both degrees is currently allowed in other states including Arizona, Colorado, Florida, Massachusetts, New Jersey and New York. In Massachusetts, for example, blended programs are referred to as "accelerated Bachelor's/Master's programs". Bridgewater State University permits 12 units of overlap for its MBA program. The University of Massachusetts, Amherst has an Accelerated Master's Degree Option that allows double counting of 6-12 units of credit for both the bachelor's and master's degree, depending on the number of units per master's degree program.

This additional flexibility is anticipated to help increase access for a larger population of CSU students to obtain graduate degrees and help address current and future workforce needs in California. These offerings can help strengthen the state's ability to compete globally with a more skilled and diverse base of knowledge workers. As illustrated in the San José State University SAGE Programs, blended degree programs offer more pathways into high-demand fields that have traditionally lacked diversity or that are actively recruiting more diverse workers to better reflect the population the field serves. In the case of Chemical Engineering, graduates can go on to contribute in such areas as biotechnology, pharmaceuticals, energy and environmental engineering. What's more, blended programs likely will increase campus enrollments in both undergraduate and graduate programs as well as increase the CSU's ability to compete with other state university systems and private universities who offer similar options.

The following will be presented as an action item for the CSU Board of Trustees at the July 2022 meeting.

Proposed Revisions – § 40510. The Master's Degree.

**Title 5, California Code of Regulations
Division 5 – Board of Trustees of the California State Universities
Chapter 1 – California State University
Subchapter 2 – Educational Program
Article 7 – Graduate Degrees**

§ 40510. The Master's Degree.

To be eligible for the Master's degree, the candidate shall have completed the following minimum requirements:

(a) Advancement to Candidacy. For advancement to candidacy for the Master's degree, the applicant shall meet the requirements of Section 41011, and such particular requirements as the Chancellor and the campus may prescribe.

(b) Requirements for the Degree.

(1) The completion of a specified pattern of study approved by the appropriate campus authority.

(2) A minimum of thirty semester units of approved graduate work completed within a maximum time to be established by each campus. Such maximum time shall be no more than seven years nor less than five years for each particular program. An extension of time beyond the limit may be granted by appropriate campus authority if warranted by individual circumstances and if the outdated work is validated by examination, in the relevant additional course or subject field of work or such other demonstration of competence as may be prescribed. In the degree program:

(A) Not less than 21 semester units (32 quarter units) shall be completed in residence. The appropriate campus authority may authorize the substitution of credit earned by alternate means for a part of this residence requirement.

(B) Not less than one-half of the units required for the degree shall be in courses organized primarily for graduate students.

(C) Not more than six semester units shall be allowed for a thesis or project.

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(D) For programs that combine a Bachelor's and a Master's degree into a single program (referred to as Blended programs), up to 12 semester units may be double counted for both the Bachelor's degree and the Master's degree so that the total number of units may be 138 semester units, provided that 1) none of the required graduate classes is replaced by an undergraduate class, and 2) the graduate classes that are also counted toward the Bachelor's degree either assume the more rudimentary knowledge taught at the undergraduate level or cover the content of the undergraduate courses that they replace.

(3) Satisfactory completion of a thesis, project, or comprehensive examination, defined as follows:

(A) A thesis is the written product of a systematic study of a significant problem. It identifies the problem, states the major assumptions, explains the significance of the undertaking, sets forth the sources for and methods of gathering information, analyzes the data, and offers a conclusion or recommendation. The finished product evidences originality, critical and independent thinking, appropriate organization and format, and thorough documentation. Normally, an oral defense of the thesis is required.

(B) A project is a significant undertaking appropriate to the fine and applied arts or to professional fields. It evidences originality and independent thinking, appropriate form and organization, and a rationale. It is described and summarized in a written abstract that includes the project's significance, objectives, methodology and a conclusion or recommendation. An oral defense of the project may be required.

(C) A comprehensive examination is an assessment of the student's ability to integrate the knowledge of the area, show critical and independent thinking, and demonstrate mastery of the subject matter. The results of the examination evidences independent thinking, appropriate organization, critical analysis and accuracy of documentation. A record of the examination questions and responses shall be maintained in accordance with the records retention policy of The California State University.

(4) A grade point average of 3.0 (grade of B) or better in all courses taken to satisfy the requirements for the Master's degree, except that a course in which no letter grade is assigned shall not be used in computing the grade point average.