

**ACADEMIC SENATE
OF
THE CALIFORNIA STATE UNIVERSITY**

AS-3415-20/APEP (Rev)
January 23-24, 2020

**ENDORSEMENT OF THE CRITERIA FOR CHEMISTRY AND PHYSICS MODEL
CURRICULA (MC) FOR TRANSFER RECEIVE THE SAME ADMISSION
ADVANTAGE AS THE TRANSFER MODEL CURRICULA (TMC)**

RESOLVED: That the Academic Senate of the California State University (ASCSU) urge the campuses of the California State University (CSU) to grant students completing the University of California Transfer Pathway (UCTP) for Chemistry or Physics the same admission eligibility advantage as students who have completed a program-aligned Transfer Model Curriculum (TMC) yielding an Associate Degree for Transfer (ADT) in the program for which they are applying; and be it further

RESOLVED: That the ASCSU further urge the CSU campuses to only provide this admissions eligibility advantage when the appropriate program-aligned background (the UCTP) delays completion of lower division CSU General Education (GE) by no-more-than three lower division GE courses to be taken after admission to the CSU as specified in [AS-3101-12/APEP/AA \(Rev\) "Support for Alternative General Education \(GE\) Pathways for Science, Technology, Engineering, Mathematics \(STEM\) Transfer Students"](#)¹; and be it further,

RESOLVED: That the ASCSU distribute this resolution to the CSU Chancellor, CSU Board of Trustees, Associate Director of Undergraduate Transfer Programs and Policy, California Community Colleges (CCC) Chancellor, CCC Board of Governors, Academic Senate CCC, Chemistry Faculty Discipline Review Groups (FDRG), Physics FDRG, Intersegmental Committee of the Academic Senates (ICAS), California State Assembly Committee on Higher Education, California Senate Education Committee, CSU campus Presidents, CSU campus Senate Chairs, and the California State Student Association (CSSA).

***RATIONALE:** Senator Alex Padilla's SB 1440 was signed into law by Governor Schwarzenegger in September of 2010. "The Student Transfer*

¹ Note that students may also have to take additional lower division courses to meet the particular requirements in their program of study

Achievement Reform (STAR) Act would do the following: 1) Mandate that CCCs create Associate of Arts (AA) degrees for transfer to a CSU with areas of emphasis. 2) Guarantee that students who earn the transfer degree are admitted to the CSU with upper division junior status. 3) Preclude CCCs from requiring additional courses for this degree. 4) Assure that transfer students will graduate with a bachelor's degree with 120 semester units or 180 quarter units, with the exception of certain majors" (Alex Padilla Fact Sheet: SB 1440 [Padilla], Student Transfer Achievement Reform Act).

Many Science, Technology, Engineering & Mathematics (STEM) programs are a poor fit to the requirements of SB 1440 due to the large number of lower division preparation courses required (e.g. lower division preparation for Chemistry, and upper division physics coursework might require a minimum of 11 units of math, 12 units of Physics, and 10 units of chemistry.) Students who follow the University of California Transfer Program (UCTP) will be able to complete the course sequence recommended for discipline-based accreditation (necessary for particular career options), which is not possible with the TMC because of the 60 Lower-Divisions unit restriction. Students who complete the UCTP in Chemistry or Physics will be considered to have completed the equivalent of a Model Curriculum (MC).

These considerations led the ASCSU to adopt [AS-3101-12/APEP/AA \(Rev\) "Support for Alternative General Education \(GE\) Pathways for Science, Technology, Engineering, and Mathematics \(STEM\) Transfer Students"](#) and [AS 3382-19/AA/APEP "Endorsement of Criteria for Engineering Model Curricula \(MC\) for Transfer to Receive the same Admission Advantage as for Transfer Model Curricula \(TMC\)"](#). The intent of these resolutions was to provide the same "admissions bump" for completion of the TMC in a TMC-aligned program for completion of an MC for an MC-aligned program. Many programs already exceed a nominal 120-unit requirement for freshmen students on the typical freshman multi-semester planner used for fully prepared students, so it is unlikely that many chemistry and physics programs could be completed following an TMC within 120 units. The specific requirements of the transfer pathway can be found at: <https://www.cid.net/uc-transfer-pathways>.

[AS-3101-12/APEP/AA \(Rev\) "Support for Alternative General Education \(GE\) Pathways for Science, Technology, Engineering, and Mathematics \(STEM\) Transfer Students"](#) allows students in specific STEM majors with an approved alternative pathway to defer up to three courses from the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

[AS-3382-19/AA/APEP](#) recommended that selected courses from Area 3, Area 4 and/or Area 6a (or up to three courses from the GE Breadth pattern selected from Area c, Area c and/or Area e) be postponed until after transfer, while still allowing students to be eligible for all rights and guarantees that would accrue if they would have completed the entire package prior to transfer.

Approved Without Dissent - May 7-8, 2020