



General Assembly

January Session, 2019

**Committee Bill No. 6072**

LCO No. 5754



Referred to Committee on HIGHER EDUCATION AND  
EMPLOYMENT ADVANCEMENT

Introduced by:  
(HED)

**AN ACT CONCERNING A PLAN FOR THE RETENTION OF STUDENTS  
STUDYING SCIENCE, TECHNOLOGY, ENGINEERING AND  
MATHEMATICS AT PUBLIC INSTITUTIONS OF HIGHER EDUCATION.**

Be it enacted by the Senate and House of Representatives in General  
Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2019*) (a) Not later than January 1,  
2 2020, the Board of Trustees of The University of Connecticut and the  
3 Board of Regents for Higher Education shall each establish a program  
4 to provide support and resources for the retention of students  
5 studying science, technology, engineering and mathematics at the  
6 public institutions of higher education within each board's jurisdiction.  
7 Such program for each public institution of higher education shall  
8 include, but need not be limited to, (1) a plan to identify at-risk  
9 students studying science, technology, engineering and mathematics  
10 before any such student fails to successfully complete a course, course  
11 of study or degree program or terminates his or her enrollment at the  
12 institution, (2) the establishment of work-study opportunities for  
13 students studying science, technology, engineering and mathematics to  
14 offer weekly tutoring sessions to other students at the institution, (3)  
15 the implementation of adaptive learning technologies in introductory

16 level science, technology, engineering and mathematics courses, and  
17 (4) the provision of academic advisors to such students with the goal of  
18 achieving the ratio of three hundred twenty students studying science,  
19 technology, engineering and mathematics to one academic advisor for  
20 such students. As used in this subsection, "adaptive learning  
21 technology" means a computer-based or online educational system  
22 that modifies the presentation of material in response to student  
23 performance.

24 (b) Not later than January 1, 2021, and annually thereafter, the  
25 Board of Trustees of The University of Connecticut and the Board of  
26 Regents for Higher Education shall each report, in accordance with the  
27 provisions of section 11-4a of the general statutes, to the joint standing  
28 committee of the General Assembly having cognizance of matters  
29 relating to higher education and employment advancement on the  
30 program established pursuant to subsection (a) of this section.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2019	New section

**HED**      *Joint Favorable*