

D86 Science Goal 2 KPIs -- Program Analysis

<u>Goal</u>		<u>Key Performance Indicators</u>
Increase student exposure to and interest in core sciences.	<ul style="list-style-type: none"> - Student experience more core sciences (B,ES,P,C) - Students experience a large percentage of NGSS - Students enroll in more than the required 2 yrs of science, or the 3 yrs suggested by colleges 	<ol style="list-style-type: none"> 1. Compare # of students who experienced all four disciplines (B,ES,P,C) pre-alignment to the number of students enrolled in PITU, COES, and BOTLE post-alignment. 2. Determine percentage of NGSS PEs covered within D86 science core course sequence. 3. Compare the number of science courses students took by the end of their senior year pre-alignment to the number of science courses taken by the end of senior year post-alignment. 4. Questions from the annual D86 Science Student Survey designed to elicit information to gauge student enjoyment of science and interest in future science pursuits.

1. Pre-alignment data available, post-alignment data preliminarily available for cohort 1 in 2024
2. Physics, Physics H, Chemistry, Chemistry H = Completed 43%, Projected >80% with Bio by 2022
3. Pre-alignment data available, post-alignment data preliminarily available for cohort 1 in 2024
4. Data collection began Spring 2020, on-going -- preliminary data available in 2024