

**CHICO STATE UNIVERSITY**  
**ASSESSMENT SUMMARY UPDATE**

PROGRAM: BS in Mathematics

<b>Year of review</b>	<b>Student Learning Outcome</b>	<b>Describe assessment activity done this year for this SLO</b>	<b>Findings</b>	<b>Based on the results or evidence, what action was taken regarding program improvements?</b>
2016-2017	Interpret and translate problems into appropriate mathematical language; then solve problems by applying appropriate strategies and interpreting the results	Embedded test problem 3 in MATH 315	8% exemplary or proficient	None
2015-2016	Demonstrate basic skills and conceptual understanding of differential, integral, and multivariable calculus.	Embedded test problems	90% exemplary or proficient in MATH 235. 50% proficient in MATH420.	None
2014-2015	Demonstrate basic skills and conceptual understanding as relating to fundamental mathematical objects introduced in our degree core, such as, sets, functions, equations, vectors, and matrices.	Embedded test problems	43% Exemplary or Proficient	None
2013-2014	No report on file	No report on file	No report on file	No report on file
2012-2013	Demonstrate more technical skills and more in-depth and broader conceptual understanding in core mathematical areas (such as, analysis, geometry/topology, algebra, applied math, statistics), relevant to their option in the major.	Embedded items and examination	81%, 100%, 77%, 94%, 82%, 94% of students scored Exemplary or Proficient (Approx 88% overall)	None