

1106-A5-2270      **Beth L Chance\*** (bchance@calpoly.edu) and **Allan J Rossman** (arossman@calpoly.edu).  
*Current thoughts on the introductory course for math and stat majors.*

Several years ago we proposed a new course aimed at mathematically inclined students, arguing that this course could give students a modern introduction to the discipline of statistics through active learning and genuine data while highlighting the mathematical underpinnings of core statistical concepts. In this presentation we will discuss our current vision of the course, how it was evolved over the last decade, and how it relates to forthcoming recommendations from the MAA and ASA about the statistical education of such students. We will present some example investigations from the course, discuss the use of technology, and review some assessment results (what are students' strengths and weaknesses coming out of this course). (Received September 16, 2014)