This talk will explore the parallel development of mathematics and statistics as fields. Further, it will show how the language of mathematics permeates statistics. Next, this talk will provide a comparison to physics as field that uses mathematics as a toolkit, but not as a core experience. Finally, this talk will argue that statistics cannot be considered a branch of mathematics and is instead an independent field along with the implications of such a decision on pedagogy. (Received September 25, 2017)