

1099-97-401 **Emina Alibegovic*** (emina@math.utah.edu), Department of Mathematics, 155 South 1400 East, JWB233, Salt Lake City, UT 84112-0090. *Mathematics teaching major as an interdisciplinary major.*

Mathematics departments tend to have a teaching major as one of the options on the list of majors offered. Teaching major generally has 2-5 required courses which differ from those for math majors of other flavors. These courses are taught by mathematicians who deem the topics therein as appropriate for the teaching profession. We will discuss why this might be an insufficient preparation for the pre-service teachers in their field of study. We will further discuss how we can think of mathematics teaching major as an applied, interdisciplinary major and how to design courses that fit this description. (Received February 11, 2014)