Catalyzed by an NSF Noyce Scholarship Grant, the author’s department revised the mathematics education track of the mathematics major to align with both the Common Core State Standards and the Conference Board of the Mathematical Sciences recommendations in their Mathematical Education of Teachers’ documents. New courses were developed, existing courses revised, and the specific courses required were changed considerably. In this talk, we provide a brief overview of the changes, followed by a more in-depth look at the challenges faced in effectively implementing the program. (Received September 11, 2014)