

The Study of Mathematics Curriculum development

Course Goals

1. Exploring and analyzing the meaning, spirit, framework and the indicators of ability of 9-Year integrated mathematics curriculum in Taiwan.
2. Understanding the development, contents and spirit of NCTM (2000).
3. Exploring the related studies which focus on the differences of the mathematics curriculum and textbooks internationally.
4. Developing an understanding of the differences of Taiwanese mathematics textbooks.
5. Investigating the international trend and development of mathematics curricula.