# Graduate Institute of Mathematics & Science Education

# National Chiayi University Taiwan



#### Introduction

Graduate Institute of Mathematics & Science Education (GIMSE) is the only academic institute in the area of Yunlin, Chiayi & Tainan in Taiwan to provide the programs for training students and teachers in mathematics and science education. The major objectives of the institute are to cultivate teachers and researchers who will attempt to serve at both formal and informal educational institutions. The programs include research methods, curriculum design and development, teaching strategies, assessment techniques, and history and philosophy of mathematics or of science.









### Requirements

Students in Master's programs of GIMSE are required to complete 34 credits, including 6 thesis credits. The core courses include methodology, mathematics and science education, and foundations for mathematics, science, and computer science.







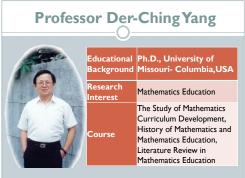


#### **Faculty Members & Research Focuses**

There are four professors and three associate professors in GIMSE. All faculties have their research interests, focusing on concept development, curriculum and instruction, student learning, assessment, professional development of mathematics or science teachers, digital learning and multimedia design.



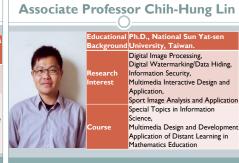














### **Qualifications and Career Development**

Welcome anyone who has Bachelor degree on Mathematics or Science to apply for Master program in GISME. After receiving the master degree, students will be able to further pursue a Ph.D. degree or become a mathematics or science teacher, or one of research members at either a formal or informal educational institution.



Website: http://www.ncyu.edu.tw/gimse\_eng/