

## **ECE 4355: Observation and Supervised Internship – Early Childhood**

### **6 Credit Hours**

*Prerequisite:* ECE 4320

*Corequisite:* ECE 4335, ECE 4336, and ECE 4345.

Teacher candidates will learn the utilization of art, music, movement and creativity to instruct children from infancy through five years of age. Topics that will be studied include movement exploration, children's games, finger plays and songs. This course may require a field experience in an early learning environment. Verification of professional liability insurance is required.

## **ECE 4400: Directed Study**

### **1-3 Credit Hours**

*Prerequisite:* Approval of the instructor and department chair prior to registration.

A directed study is a concentrated investigation of a particular aspect of education as a topic within a teaching field concentration or degree major. The content of the directed study will be determined jointly by the instructor and the student.

## **ECE 4401: Teaching Mathematics in Early Childhood Education**

### **3 Credit Hours**

*Prerequisite:* MATH 3318

This course consists of the integration of mathematics concepts, principles and processes into the teaching of mathematics in preschool through fifth grade. Emphasis is placed upon developmentally appropriate practices and culturally relevant pedagogies in planning, implementing and evaluating instruction in the mathematics curriculum.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

## **ECE 4402: Teaching Science in Early Childhood Education**

### **3 Credit Hours**

*Prerequisite:* ISCI 2001 and ISCI 2002

*Corequisite:* ECE 4410

This course is the study of integrating science concepts, principles and processes into the teaching of science in preschool through fifth grade. Emphasis will be placed upon developmentally appropriate practices in planning, implementing and evaluating instruction in the science curriculum.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.