

## EDUCATION 476-4 DESIGNS FOR LEARNING: NATURAL SCIENCES

This course is intended for elementary school teachers who wish to learn more about the teaching of science. The course combines readings with hands-on activities that can be performed easily at home using simple materials, and a series of assignments which are intended to be of practical assistance to help elementary school teachers develop greater comfort with the teaching of science. The course addresses the nature of science, the scientific process, the learning of science, science content, knowledge, skills and attitudes, and the assessment of science learning. The activities and assignments are intended to model approaches to science instruction that should be of use in teaching science to students in the K - 7 levels of schools.

**PREREQUISITE:** Education 401/402.

**REQUIRED TEXT:** None

**COURSE MATERIALS:** Study Guide and Lab Kit.

### **COURSE REQUIREMENTS:**

- 11 Activities
- 8 Tasks
- 1 Course Challenge Activity: Constructing a Working Model
- 1 Designing a Science Program: K to 7.