INTEGRATED SCIENCE (ISCI)

ISCI 1121K. Integrated Science. (4 Credits)
Prerequisite: None Credit Hours: (3-3-4). An interdisciplinary course integrating principles from biology, chemistry, ecology, geology, and non-science disciplines as related to the interactions of humans and their environment. Emphasis is placed on the study of ecosystems, human population growth, pollution and other environmental issues and important environmental issues and important environmental regulations .

ISCI 2001. EC& Mid Grades Life/Earth Sci. (3 Credits)
Prerequisite: Early Childhood Education Major Only. Grade of C or better in an Area A math and one Area D lab science or permission of the instructor. Credit Hours: (2-2-3) Note: This course is an AREA F requirement for Early Childhood Education majors only, and is not a subsitute for AREA D Science requirements. A basic understanding, for early childhood education majors, of the scientific principles congruent with the categories delineated in the Georgia Performance Standards (GPS) grades Pre-K-5 and focusing on the themes of characteristics of life, biodiversity/heredity, energy flow, interdependence of life, cell, Earth systems, lithosphere (including formation of the solar system), hydrosphere, and biosphere. This is an activity-based course with no seperate lab component.

ISCI 2002. EC & Mid Grades Physical Sci. (3 Credits)
Prerequisite: Early Childhood Education Major Only. Grade of C or better in an Area A math and one Area D lab science or permission of the instructor. Credit Hours: (2-2-3) Note: This course is an Area F requirement for Early Childhood Education majors only, and is not a substitute for Area D Science requirements. A basic understanding, for elementary education majors, of the scientific principles congruent with the categories delineated in the Georgia Performance Standards (GPS) grades Pre-K – 5 and focusing on the themes of composition, properties, changes and conservation of matter, sources, types, utilization, change and conservation of energy, force in terms of motion, gravity, kinematics, and waves, and electrical, magnetic and gravitational fields. This is an activity-based course with no separate lab component.