

# ELEM - ELEMENTARY EDUCATION

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## **ELEM 2000 Induction into Elementary Education (0-0-0)**

This course provides an introduction to the history of the elementary education profession including current trends. It is designed to help students understand the expectations and responsibilities of becoming a part of a professional community.

**Prerequisite(s):** (EDUC 2110 with a minimum grade of C and EDUC 2120 with a minimum grade of C and EDUC 2130 with a minimum grade of C)

## **ELEM 3155 Assessment in Elementary Education (3-0-3)**

An examination of formal and informal classroom assessment procedures, methods of action research, and standardized measurement. Students will become familiar with the Georgia Standards of Excellence and the use of rubrics to assess student performance. Pertinent issues relating to assessment will also be examined.

**Prerequisite(s):** Admitted to Teacher Education with a score of Y

## **ELEM 3255 STEAM Education for Young Children (2-2-3)**

This course includes research-based practices for designing, implementing, and assessing interdisciplinary curriculum including science, technology, engineering, arts, and math (STEAM). STEAM pedagogy, creativity and collaboration, and problem- and inquiry-based instruction in elementary classrooms are explored. Course includes a field experience.

**Prerequisite(s):** Admitted to Teacher Education with a score of Y

## **ELEM 3256 Curriculum, Instruction, and Assessment (3-2-4)**

This course focuses on theory, planning, implementation, and evaluation of all aspects of curriculum, instruction, and assessment, including establishing and managing an appropriate environment that leads to children's sociomoral and autonomy development. Teacher candidates will examine formal and informal classroom assessment procedures, methods of action research, and standardized measurement. Students will become familiar with the Georgia Standards of Excellence and rubrics to assess student performance. Course includes a field experience. Prerequisite: Admission to teacher education.

**Prerequisite(s):** (Admitted to Teacher Education with a score of Y and ELEM 3255 with a minimum grade of C and ELEM 4155 with a minimum grade of C)

## **ELEM 4105 Technology for the Twenty-First Century Classroom (2-0-2)**

This course integrates technology and curriculum through the use of web-based tools and pedagogy that prepare teachers for twenty-first century classrooms.

**Prerequisite(s):** ELEM 3255 (may be taken concurrently)

## **ELEM 4155 Cognitive and Language Development in Elementary Education (2-0-2)**

An examination of the development of cognition and language with emphasis on neuroanatomical structures and behaviors, constructivist theory, and related topics including nutrition and safety.

**Prerequisite(s):** Admitted to Teacher Education with a score of Y

## **ELEM 4217 Teaching Language Arts in Elementary Education (2-4-4)**

The application of teaching listening, speaking, reading, writing, viewing, and visually representing in elementary education. Emphasis: writing, listening, and speaking. NCTE/IRA Standards.

**Prerequisite(s):** Admitted to Teacher Education with a score of Y

## **ELEM 4235 Science in Elementary Education (3-2-4)**

An examination of curriculum concepts, skills, and instructional methodologies appropriate for teaching science to young children.

**Prerequisite(s):** (Admitted to Teacher Education with a score of Y and ELEM 4155 with a minimum grade of C)

## **ELEM 4247 Math in Elementary Education (3-2-4)**

This course will cover methods, principles, and strategies for teaching math in elementary education. In addition, the coursework will focus on analysis and remediation of diagnosed math strengths and weaknesses using informal assessment instruments and techniques. Required field component is part of course.

**Prerequisite(s):** (Admitted to Teacher Education with a score of Y and MATH 2008 with a minimum grade of C and MAED 5131U with a minimum grade of C and ELEM 4155 with a minimum grade of C)

## **ELEM 6000 M.A.T. Exit Portfolio (0-0-0)**

Satisfactory grade indicates completion of the exit portfolio for the M.A.T. degree. (S/U grading).

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6115 Literacy Education with Young Children (3-0-3)**

Advanced study of content, materials, and instructional procedures for literacy with young children.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6116 Writing and the Young Child (3-0-3)**

Study of young children's understandings and use of written language from their earliest marks through their use of conventional writing. Methods and activities that best foster children's writing development and their use of a variety of written language genres are included.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6125 Developing Mathematical Thinking in the Elementary Classroom (3-1-3)**

An advanced examination of the development of mathematical thinking and the application of teaching strategies, assessment techniques, curriculum, and resources for sound mathematics instruction through grade 5.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6135 Developing Scientific Thinking in Young Children (3-1-3)**

An advanced examination of the development of scientific thinking and the application of teaching strategies, assessment techniques, curriculum, and resources for appropriate science instruction for young children.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6145 Exploring the World with Young Learners (3-0-3)**

An advanced examination of young children's understandings of their world. The application of social studies content and standards, methodology, resources and assessment strategies are included.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **ELEM 6155 Elementary Education in a Contemporary Society (3-0-3)**

Identification, study and discussion of current issues impacting elementary education. Use of technology to examine, inform, and communicate.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 6156 Theories, Concepts, and Applications of Child Development (3-0-3)**

An advanced study of theories and concepts of child development from conception through age 10, including the application of theories and concepts to teaching and learning, implications of developmental issues, and a focus on the role of the teacher in fostering the development of the whole child.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 6159 Imagination, Curiosity, & Creativity in Teaching and Learning (3-0-3)**

Study of the role of imagination, curiosity, and creativity in teaching and learning. Examination of innovative programs, curriculum, and strategies that foster creativity in teaching and learning as well as the development and implementation of new ideas in teaching and learning.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 6165 Partnerships with Parents and Guardians of Young Children (3-0-3)**

Investigation and construction of a deeper understanding of the teacher and parent or guardian relationship. Techniques to strengthen the relationship while developing an understanding of family dynamics that influence the total development of the young child are included.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 6166 Assessment Methodologies, Instruments, and Procedures in Elementary Education (3-0-3)**

Advanced study of methodologies, instruments, and procedures in assessing young children, their environments, and their programs.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 6255 STEAM Education for Young Children (2-2-3)**

This course includes research-based practices for designing, implementing, and assessing interdisciplinary curriculum including science, technology, engineering, arts, and math (STEAM). STEAM pedagogy, creativity and collaboration, and problem- and inquiry-based instruction in elementary classrooms are explored. Course includes a field experience.

**ELEM 6795 Special Topics in Elementary Education (2-0-2)**

In-depth study of special topics related to elementary education. Topics are announced in the course schedule. Course may be repeated once in a given program if topics studied differ.

**Repeatability:** Repeatable for credit up to 1 times or 4 hours.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ELEM 7127 Perspectives in Elementary Education (3-0-3)**

This course provides students an opportunity to construct a sense of identity with the field of elementary education through an understanding of the past as prologue to contemporary thought and practice. The philosophy, history, and impact of elementary education programs throughout the field's history as well as current trends will be examined.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Doctor of Education or Specialist in Education degrees.

**ELEM 7137 Advocacy and Public Policy in Elementary Education (3-0-3)**

This course focuses on implementing research-based teaching and learning in the context of public policy awareness and advocacy for appropriate instruction. Students explore avenues for becoming active advocates for appropriate elementary education.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Doctor of Education or Specialist in Education degrees.

**ELEM 7147 Investigating Problems in Elementary Education (3-0-3)**

An investigation and identification of problems in the organization and implementation of elementary education curriculum and instruction. The course includes the identification of appropriate research methods including qualitative, quantitative, and mixed methods. This course leads to producing a proposal for the ELEM specialist project.

**Prerequisite(s):** EDUF 7116 with a minimum grade of C

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Doctor of Education or Specialist in Education degrees.

**ELEM 7155 Cognitive Development in Young Children (3-0-3)**

Constructivism, neuro-anatomical correlates of learning, and selected theories relevant to the cognitive processes of children from conception through age nine.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Doctor of Education or Specialist in Education degrees.

**ELEM 7157 Advanced Assessment in Teaching (3-0-3)**

Advanced study of topics related to assessment, including alternative and performance assessments, grading, measurement theory, data-driven decision-making, statistical procedures related to measurement, and using assessments in research.

**Prerequisite(s):** ELEM 6166 with a minimum grade of C

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Specialist in Education degree.

**ELEM 7167 Childhood and Society: An Introduction to the Sociology of Childhood (3-0-3)**

This course examines the nature of childhood and its relation to society. The course includes investigation and discussion of how cultural values and social changes affect children's lives, the ways in which children create culture, and historical and contemporary perceptions towards children/childhood.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Doctor of Education or Specialist in Education degrees.

**ELEM 7899 Research in Elementary Education (0-0-3)**

Advanced research investigation under the direction of a major professor and faculty committee. (S/U Grading).

**Prerequisite(s):** ELEM 7147 with a minimum grade of C

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Specialist in Education degree.