

Boyce College

New Course Descriptions

Section

1. **Elementary Education. Professional Education Studies**
2. **Elementary Education. Related Content Studies**
3. **General Studies**

Section 1: Elementary Education: Professional Education Courses

ED 200 Introduction to Teacher Education **3 hours**

This course includes a study of the Kentucky Standards for Teachers, foundations of education, education philosophy, the structure of American schools, curriculum designs, and legal and financial connections of American schools. All major assignments are required as artifacts for inclusion in the professional education electronic portfolio. Prerequisite: EN 101. Successful completion of this course is required as a prerequisite for being admitted to the Teacher Education Program (TEP). Students are recommended to take this course during the same semester as ED 210 *Computer and Media in Schools* because both courses are prerequisite for being admitted to the TEP. This course also includes the initial application procedures for making application to the TEP, culminating in admittance to the TEP if all requirements are met including the minimum grade of “C” for this course.

ED 210 Computer and Media in Schools **3 hours**

This course begins with an introduction to basic computer hardware, operating systems, and software programs suitable for use in schools. The major focus will be on the use of the technology of software programs for the improvement of classroom instruction and communication with parents. Students will develop authentic computer projects as applied to the use of the computer in schools. These projects are required as artifacts for the electronic portfolio necessary for application to the TEP (Teacher Education Program). Prerequisite: EN 101. Successful completion of this course is required as a prerequisite for being admitted to the Teacher Education Program. Students are recommended to take ED 210 during the same semester as ED 200 Introduction to Education, because both courses are prerequisite for being admitted to the TEP.

ED 220 Teaching Exceptional Learners **3 hours**

This course introduces the student to the characteristics of exceptional learners. It will examine principles and practices of effectively instructing exceptional learners as inclusions of the regular classroom. Prerequisite: Admittance to the Teacher Education Program. **Six (6) hours Field Experience required.**

ED 230 Child and Adolescent Development **3 hours**

A focus on the physical, social-emotional, and cognitive development of children from birth through adolescence, and the implications these growth stages have on the teaching and learning process in the context of the regular classroom. Prerequisite: Admittance to the Teacher Education Program.

ED 310 Teaching Math P-5 I **2 hours**

The basic content of math for the elementary school curriculum will be reviewed according to the Kentucky *Core Content For Assessment* for grades P-5. At the conclusion of this course a math skills assessment will be administered for proof of mastery of necessary math skills for elementary teachers. The course will also include instruction in the principles and practices of the pedagogy of math instruction in the elementary classroom. Prerequisite: Admittance to the Teacher Education Program. **Ten (10) hours Field Experience required.**

ED 311 Teaching Math P-5 II **3 hours**

This course is designed to help preservice teachers broaden their content knowledge of elementary

mathematics, specifically in the areas of measurement, geometrical concepts, probability and data analysis. The course is also designed to enhance preservice teachers' understanding of the ways in which children learn mathematics and to equip them with methods to teach the covered content areas to elementary students. This course will employ the use of manipulatives and hands-on learning as students seek to both understand and effectively communicate mathematical concepts and ideas. **Field Experience Required: 10 Hours**, Prerequisites: Admittance to the Teacher Education Program (TEP), and MA 101 and MA 102.

ED 320 Teaching Science P-5 **3 hours**

The basic content of science for the elementary school curriculum will be reviewed according to the Kentucky *Core Content For Assessment* for grades P-5. This course will also include instruction in the principles and practices of the pedagogy of science instruction in the elementary P-5 classroom. Prerequisite: Admittance to the Teacher Education Program, *SC 111 Principles of Biology and Lab*, and *SC 121 Principles of Physical Science and Lab*. **Six (6) hours Field Experience required.**

ED 330 Teaching Social Studies P-5 **3 hours**

This course will emphasize the diverse nature of the world and the multiplicity of cultures, and the necessity of social studies instruction to help learners to live in a global and culturally diverse society. The student will learn the interdisciplinary nature of teaching social studies in the elementary P-5 classroom. Prerequisite: Admittance to the Teacher Education Program, HS 161, HS 171, and SS 211. **Six (6) hours Field Experience required.**

ED 340 Educational Assessment **3 hours**

This course will present students with the best current practices and principles of assessment across the curriculum of elementary schools. The characteristics and uses of both formal and informal assessment instruments will be studied. As a major component of this course, students will learn how to design, administer, and interpret a variety of assessment measures, including the Teacher Work Sample with its inherent assessment design. Prerequisite: Admittance to the Teacher Education Program. **Ten (10) hours Field Experience required.**

ED 380 Field Experience I: Teaching **1 hour**

The student will be placed in an accredited school, either public or private, for 50 hours of classroom experience under the direction and supervision of a professional classroom teacher. Interaction with the elementary level children on a regular weekly schedule is required for the duration of the **50 required on-site hours**. Assignments for learning the basics of the profession of teaching will be required and evaluated by the Boyce Supervisor of Field Experience. Prerequisite: Admittance to the Teacher Education Program.

ED 381 Clinical Experience **1 hour**

The student will be required to investigate various components of the profession of education outside the classroom. Assignments for the clinical experience will involve the students in the investigation of curriculum design for the schools, library services, technology for the schools, administration of a school, including both the personnel and the policies, parental roles in schooling, Special Education programs, school and district-wide assessment of the students and the schools, how schools in Kentucky are graded by KERA initiatives, the governing of a school through SBDMs, extracurricular activities of the school, and the responsibilities of teachers outside the classroom. The completed assignments of ED 381 will be artifacts for the student's e-portfolio. Prerequisite: Admittance to the Teacher Education Program.

ED 410 Teaching Language Arts P-5 **3 hours**

This course presents an integrated approach to teaching language arts based on current research of best practices, tested instructional methodologies, materials, assessment techniques for language arts instruction P-5, and the application of contemporary media and computer technology for the elementary grades. Course content is based on developmental processes and assessment that focuses on the interrelatedness of all language arts areas. Prerequisite: Admittance to the Teacher Education Program. **Ten (10) hours Field Experience required.**

ED 420 Teaching Reading P-5**3 hours**

A study of the current models and theories for teaching reading in the elementary school, the best practices for effective literacy growth, the assessment tools and techniques available to the teacher of literacy, and the materials for use in teaching literacy P-5. Emphasis is on teaching through a balanced literacy approach. Prerequisite: Admittance to the Teacher Education Program. **Fifteen (15) hours Field Experience required**

ED 430 Classroom Management**3 hours**

An investigation of the theories, research, school safety, and diversity issues that bear on school and classroom management. Issues of classroom organization, rules and discipline, planning, student self-regulation and participation, consistent communication, assessment, and problem solving also comprise the content of the course. Prerequisite: Admittance to the Teacher Education Program. **Ten (10) hours Field Experience required.**

ED 480 Field Experience: Service**1 hour**

The student will be required to seek an area of service to the community and perform **30 hours of service** under the direction and supervision of a professional involved in that area of service in the community. The area of service may be in a public or Christian school, or through a community or governmental organization that services specific needs of the citizens. The students will also meet one hour a week for a portion of the semester in a classroom situation at Boyce College as part of the course requirements. Prerequisite: ED 380

ED 490 Supervised Teaching: Elementary P-5**9 hours**

Students admitted to Supervised Teaching will be placed in an accredited private or public school under a P-5 professional cooperating elementary school teacher for student teaching for the semester. The student teacher will participate in all phases of the regular professional classroom teacher. The student teacher is evaluated by the cooperating teacher and an assigned Boyce College supervisor according to strict guidelines and the Kentucky New Teacher Standards. A weekly seminar at Boyce College is also required for each student. Prerequisite: Admission to Supervised Teaching. All students wishing to student teach must complete an application procedure during the semester prior to registering for ED 490. Contact the office of the Department of Teacher Education for application information.

Section 2: Related Content Courses**AR 231 Art for Elementary Teachers****2 hours**

A course designed to train elementary teachers P-5 in the application of art activities through an interdisciplinary approach. This course also includes a study of philosophies, methods, materials, assessments, and child growth and development related to teaching art in the elementary school and classroom. **Six (6) hours Field Experience is required to learn about the teaching of art in the school.**

EN 351 Children's Literature**3 hours**

An intensive study of literature particularly suited to elementary grades, including Caldecott and Newbury Award winning books. This course provides a survey of children's literature, from pre-school nursery rhymes and picture books that are read to children, to the stories, myths, legends, and other tales that children read on their own in the elementary grades. Among the topics the course addresses are: origins and development of literature for children; major works, writers, and illustrators in its development; distinctive genres and their characteristics; nature and function of illustrations; social issues addressed in children's literature today; problematic aspects of contemporary children's literature; critical approaches to children's literature; and uses of children's literature in the elementary curriculum. Projects and in-school field experience are required, with a focus on learning about the uses of children's literature in the classroom. Prerequisite: EN 221 World Literature Survey or consent of instructor. **Ten (10) hours Field Experience required.**

MU 320 Music for Elementary Teachers**2 hours**

Intended for elementary education majors, this course is designed to prepare the student to integrate music into daily classroom instruction. Students are engaged in series of projects that integrate music in the elementary classroom, prepare a portfolio of teaching materials and resources for using music in the elementary classroom, sing and recognize a basic repertoire of songs for use in the elementary classroom. **Six (6) hours Field Experience is required to learn about the teaching of music in the school.**

PE 231 Physical Education and Health in Elementary Schools 2 hours

This course focuses on the basic knowledge of the development of both fine and gross motor skills; issues of the promotion of physical, mental, emotional, and spiritual health; and knowledge of balanced nutrition and the effects of certain foods on children's behavior. Each of these areas will be applied to children from preschool to grade five. Six (6) hours Field Experience is required to study the physical education, health and nutrition programs of the schools.

Section 3. General Studies

EC 101 Economics 3 hours

A survey course covering the basic principles and methodology involved in microeconomics and macroeconomics as applied to the world of business.

EN 221 World Literature Survey 3 hours

A survey of major literary genres, through a study of the works of classical and contemporary world authors.

HS 161 World History 3 hours

A survey of world civilizations, their origins, cultures, governments, tenures, religions, and contributions to present cultures.

HS 171 American History 3 hours

A survey of the history of the United States with emphasis on its origins, early development, wars, major leaders, and influences of social and political institutions and organizations.

SC 111 Principles of Biology and Lab 4 hours

An overview of life science. Content of the course includes a study of living organisms as relates to origins, cellular physiology, genetics and ecology. One hour lab included.

SC 121 Principles of Physical Science and Lab 4 hours

An inquiry-based course covering the basic principles of physical science, including the universe(s), motion, optics, planetary astronomy, meteorology, electricity, energy, magnetism, stellar and galactic astronomy. One hour lab included.

SS 201 Introduction to Sociology 3 hours

A systematic study of the development, structure, interaction, and dynamics of organized groups.

SS 211 American Government 3 hours

A study of the United States national system of government and politics, including federal, state, and local forms as they operate in the executive, legislative and judicial branches, and as empowered by the Constitution of the United States.