

Elementary Education Course Descriptions Sterling College Online

BS115 Principles of Sociology

3 credits

This course presents the sociological perspective to answering questions about behavior. Emphasis is given to the importance of patterns of social organization and the meaning these patterns have for individual and social life. (Spring)

HI101 History of World Civilization I (to 1500 AD)

3 credits

The objective of this course is to survey the history of cultures from the Stone Age to early modern times. Some cultures considered are Cro-Magnon, Sumerian, Assyrian, Egyptian, Greek, Roman, Indian, Chinese, Incan, Aztec, Islamic, Christian, Hebrew, Western Medieval, and Renaissance. An interdisciplinary approach will be used. (Fall semester)

HI211 U.S. History I (to 1877)

3 credits

This course surveys the political, social, and economic history of the United States from its colonial heritage to the governmental crisis of Civil War and Reconstruction. Emphasis is placed on the acquisition of identity as a nation, the development of a sense of legitimacy in the government, the expansion of participation in selecting the government, the extension of government services into the nation, and the distribution of wealth throughout the society in the United States from 1776 through 1877. (Fall)

HI212 U.S. History II (since 1877)

3 credits

This course is a continuation of the survey of the political, social, and economic history of the United States from 1877 to the present. Emphasis is placed on the expansion of government services, regulatory policy, and the quest for equality. Continuing emphasis will be placed on the themes of industrialization and the activities of government in expanding identity, legitimacy, and participation, extension of government services, and distribution of wealth. (Spring)

PH110 Physical Science

5 credits

An integrated course covering aspects of physics, chemistry, Earth science, and astronomy. Meets one of the general education requirements for a lab science. This course meets twice a week in a lecture/lab setting. (Fall)

AR275 Elementary Art Methods

3 credits

This course is a study of art methods and curricula relevant to educators teaching at the elementary school level. Materials fee. Prerequisite: ED219. Does not fulfill a general education requirement. (Spring)

BI101/L Principles of Biology with Lab

4 credits

Students will be introduced to scientific thought and exploration. Fundamental principles and concepts of biology will be addressed from the perspective of the universal need all organisms share to meet their physical and biochemical requirements. Understanding the shared as well as different approaches to these requirements allows us to categorize organisms and to better understand our own biology. (Spring/Odd Years)

BI125/L Environmental Science**4 credits**

Students are introduced to ecological principles including energy flow, nutrient cycles, predator-prey relationships, pollution problems, population dynamics, and renewable and non-renewable energy sources and their alternatives. Position and impact of mankind in the environment and consideration of the sociological, political, economic, and religious implications of their relationship to the ecosystem are addressed. Two class discussions and one three-hour laboratory each week. (Spring)

BI170/L Zoology**4 credits**

The study of major biological principles including origins, cellular structure and function, animal architecture and organization, animal classification, and interrelationships of animals within the environment via a survey approach of the major animal phyla. Three class sessions and one three-hour laboratory each week. (Fall)

EL151 Fundamentals of Teaching Reading**3 credits**

This course is designed for entry level elementary education majors and it covers a variety of fundamental principles and topics necessary for a basic understanding for the K-6 elementary teacher candidates in teaching reading in a manner that will address the needs of all students. (Fall)

EL153 Language Arts for Elementary Teachers**2 credits**

This course is designed for entry level elementary education majors. It covers the basic elements of written and spoken language and the writing process, along with other current language arts concepts necessary for a basic understanding for the K-6 elementary teacher candidates in teaching language arts in a manner that will address the needs of all students including those with cultural differences, those with English as a second language, or students of varying ability levels. (Fall)

EL256 Child and Adolescent Literature**3 credits**

This course studies traditional, multi-cultural, and modern literature for children and adolescents and how literature is integrated into all disciplines. Prerequisite: EL151. (Spring)

EL330 Methods of Teaching Elementary Math I+**3 credits**

This course provides an introduction to mathematics content and methods of teaching for K-6 teachers. Candidates will study the NCTM and Common Core mathematics standards, what it means to know and do mathematics and teaching through problem-based learning. Specific content topics include: number concepts and number sense, operations, place value, helping children master basic facts, whole-number computation, measurement, and geometry. Prerequisite: C- or higher in a college-level math class or 172 or higher on the math portion of PPST and ED219. (Spring)

EL333 Methods of Teaching Elementary Science+**2 credits**

This course provides an examination of current practices in science research and their application to the classroom. Emphasis placed upon process teaching. Prerequisite: ED219. (Fall)

EL335 Methods of Teaching Elementary Social Science+**2 credits**

This course provides an examination of current practices and social science teaching methods, including planning, instruction, and assessment with an emphasis on multicultural concepts, self-esteem, questioning skills, map and globe skills, thematic unit instruction, inquiry teaching, and cooperative learning. Prerequisite: ED219. (Fall)

EL337 Methods of Teaching Elementary Math II+ 3 credits

An extension of current concepts and methods of teaching K-6 mathematics is provided in this course. Candidates learn to plan and assess student centered lessons, and assist ELL learners in learning mathematics. Topics include estimation, algebraic thinking, fractions and decimals, ratio and proportion, data analysis, probability, exponents, integers, and real numbers. Strategies to instruct in problem solving, manipulatives, and a variety of materials and ways of developing understanding and critical thinking are discussed and modeled. Prerequisites: ED219 and EL330. (Fall)

ES344 Curriculum and Methods of Teaching Physical Education - Elementary (PreK-6) 3 credits

The purpose of this course is to provide a combination of curriculum theory and practical application of teaching physical education for grades K-6 within the context of servant leadership and/or Biblical principles. The student will develop a P.E. curriculum, unit plans, and daily lesson plans. Practical teaching experience will be gained through peer and elementary age teaching. Prerequisite: ED219. (Fall)

EL350 Reading Testing and Diagnosis+ 3 credits

This course emphasizes a developmental approach to teaching reading. Teacher candidates learn diagnostic methods of assessing students' needs and developmentally appropriate strategies for meeting these needs. Application of acquired skills is achieved during field experience in the public schools. Prerequisites: ED219, EL151, and EL256. (Spring)

EL356 Methods of Teaching Elementary Reading and Language Arts + 4 credits

This course is designed to teach the instruction of reading and language arts. Classroom environment, planning and preparation, and instructional strategies are studied as they pertain to teaching in the language arts areas. Basic developmental reading stages are emphasized along with integration of other subject areas. (Writing Intensive) Prerequisites: ED219, EL151, EL153, and EL256. (Fall)

HG240 World and Regional Geography 3 credits

This course provides a geographical survey of physical and cultural regions of the world and how human activities are influenced by climate, topography, population, and natural resources. (Fall/Odd Years)

MU243B Elementary Music Methods 3 credits

This course is designed to present an introduction to the general music program in a K-6 setting. Its purpose is to acquaint prospective music educators with the elementary music student, content, materials, management, and methods of instruction. Prerequisites: ED195 and ED219.

ED195 Introduction to Education 2 credits

An overview of the teaching profession and an examination of the role schools play in the fabric of American society. Coursework will include orientation to the Sterling College Teacher Education Program concept of the teacher as Servant Leader, portfolio design and expectations, education reform at the state and national level, and standards-based education. Emphasis will be placed on contemporary professional, ethical, and legal issues and problems facing American schools and the effect changes in American society have upon the purpose and areas of emphasis in American schools. (Fall/Spring)

ED201 Field Experience in Education 2 credits

This course is designed to provide practical experience in developing classroom knowledge and skills that are essential to teaching. STEP's five goals based on Danielson's four domains of teaching are presented, discussed, and related to classroom observations. Course requirements include a minimum of thirty (30) clock hours of observation in schools with diverse populations. (Fall/Interterm/Spring)

ED205 Cultural Diversity in Education 2 credits

This course focuses on the impacting factors of cultural diversity within an educational setting. Experiences are designed to examine critical elements of the educational process that are influenced by culture and to increase awareness, knowledge and skill in providing culturally responsive curriculum and instruction within a classroom setting. Off campus experiences are required. (Fall/Spring)

ED206 Classroom Management 2 credits

This class will provide teacher candidates with the knowledge and skills necessary to accomplish appropriate classroom management. Areas addressed will include: student motivation, behavior interventions, homework, grading, and parent/guardian communication. (Fall/Spring)

SE210 Introduction to Infants, Children, and Youth With Special Needs 3 credits

This course provides an overview of categorical exceptionalities delineated in the law, service delivery systems, advocacy groups, the concept of least restrictive alternatives, and the purpose and function of the IEP. The course is designed to introduce pre-service teachers to handicapping conditions of children enrolled in regular education and give them alternatives for instruction and assessment of these students. It also serves as a foundation for teachers wishing to focus on the area of special education. 20 hours field experience is required. (Fall/Spring)

ED219 Instruction and Assessment 4 credits

In this course teacher candidates will develop and extend knowledge and skills in classroom instruction and assessment. Candidates will develop teacher-centered and student-centered lesson plans, and identify and design appropriate assessment tools. Unit planning and micro-teaching are integral components of the course. (Fall/Spring)

ED272 Educational Psychology 3 credits

This course assists teacher candidates in applying theories and philosophies of child and adolescent development to the education process. Case studies will be discussed and assessed with Praxis scoring rubric. 15 hours of field experience required. (Fall/Spring)

ED356 Technology in the Classroom 2 credits

This course will explore the wide range of instructional applications of computer technology in K-12 classrooms. Students will learn to integrate and model good and innovative uses of current educational technology, facilitated by using the computer as an administrative tool, by using technology as an information delivery medium to enhance communication as a source of information, and as a student productivity tool. Current technology issues and ISTE standards for teachers and students will also be addressed. Prerequisite: A basic understanding of computer operations and software applications. (Fall/Spring)

ED357 Reading and Writing in the Content Area+ 3 credits

This class will allow teacher candidates an opportunity to plan a variety of strategies for teaching reading, vocabulary, and writing appropriate to content in grades 4-12; assess writing using the 6-trait Writing Assessment; integrate reading and writing within content areas and across the curriculum. 10 hour field experience required. Prerequisite: ED219. (Fall/Spring)

ED400 KPTP Field Experience Lab 1 credit

This lab is required for all majors receiving an education endorsement through the Sterling Teacher Education Program. All K-12 and 6-12 teacher candidates will complete at least 15 hours of field experience (or the hours designated by their major, whichever is greater) in their chosen endorsement area or major. Elementary Education majors will complete their lab during their Methods Block. Teacher candidates will design a minimum of two lessons which will be taught in their placement setting with evaluations from their host teacher. Using the demographics of the district/classroom students will complete Tasks 1 and 2 of the KPTP on a timeline scheduled by the college instructor as well as review and discuss Tasks 3 and 4 as they relate to the candidates' Clinical Teaching Experience. A grade of C or higher in both the Methods and ED400 Lab is required to participate in Clinical Teaching Experience. Prerequisites: ED219 and acceptance to STEP.

ED490 Seminar in Education+ 1 credit

This course is required for all K-6, 6-12, and PreK-12 students. Students individually and collaboratively research and discuss major topics in education. Open to juniors and seniors, this course prepares teacher candidates for clinical teaching experience and subsequent employment. It is recommended this course be taken the **semester prior to Clinical Teaching Experience**. Prerequisite: Completion of all Level I professional education courses. (Writing Intensive) (Fall/Spring)

ED497 Kansas Performance Teaching Portfolio+ 3 credits

This course is required for all majors receiving an education endorsement through the STEP. Candidates will design and teach a Kansas Performance Teaching Portfolio (KPTP) using district, school, and classroom contextual data. The final KPTP will be submitted according to the timeline designated by STEP and scored by trained KSDE scorers. Candidates not meeting the submission timeline will be delayed in their program completion by one semester or until a future, official state KPTP scoring session is available. Candidates must achieve a minimum score of 20 to be considered a STEP completer and eligible for licensure through KSDE. Concurrent with ED498. Prerequisites: Acceptance to STEP, completion of all professional education (2.75 major) and major (2.75 GPA) content hours, passing the CTE interview, and placement for ED498 Clinical Teaching Experience. (Fee)

ED498 Clinical Teaching Experience+ 12 credits

Course includes observing, assisting and teaching for 12 to 16 weeks in an accredited school under the guidance of cooperating teachers and college supervisors. A Clinical Teaching seminar is incorporated into this course to cover and reinforce topics that are timely and relevant to this study. It allows for discussion and reflection on classroom practices. (Required weeks may vary according to field of study.) Prerequisites: Level III course requirements listed above. A student teaching fee is assessed. (Fall/Spring)

GD105 Foundations of Servant Leadership 1 credit

Designed to introduce new Sterling students to the servant leadership emphasis of our liberal arts curriculum that integrates faith and learning, this course will also focus on skills for academic success, life-long learning, and career/major planning. This course is required of all new students and should be completed in the first semester of attendance. Lab fee.

TM102 Introduction to the Old Testament 3 credits

This course examines the major themes of the Hebrew and Aramaic Scriptures through the study of selected passages, ranging from Genesis to Malachi. It provides an overview of the respective covenants of the Old Testament and its different genres. (Every semester)

TM103 Introduction to the New Testament

3 credits

This course examines the major themes of the New Testament through the study of selected passages, ranging from Matthew to Revelation. It explores the life, death, and resurrection of Jesus Christ and the church's establishment, growth, and contemporary challenges. (Every semester)

TM266 Basic Christian Doctrine

3 credits

This course considers the major tenets of the Christian faith, their biblical basis, and present relevance to life. Topics such as God, revelation, angels, humanity, sin, Christ, the Holy Spirit, salvation, the Church, the sacraments, and the future are studied. Prerequisites: TM102 and TM103 or consent of instructor. (Every semester)

TM440 Philosophy for Faith and Life

3 credits

This is a capstone course required for all graduates. The course will examine the great thinkers of the Western world and how they influenced our view of the world. Students will learn and use major philosophical terminology and the systems employed to express them. Questions concerning the interaction of philosophy with the life of faith will be confronted. The student should acquire the ability to express a worldview of effective service amidst cultural plurality and diversity. Prerequisite: Senior standing (Every semester)