

# Liberal Studies / Elementary Education

## LOWER DIVISION

**LSEE 101. Foundations of Education** (4). Introduction to teaching including educational foundations, classroom observations, the role of education in democratic societies, and the exploration of the knowledge, skills and dispositions needed to become an effective educator. [LSEE majors only. E-LD.]

**LSEE 211. Developmental Literacy** (4). Analysis of developmental theories and approaches to emergent literacy, children's literature, assessment, lesson design and intervention strategies that include fieldwork activities in elementary classrooms. [Prereq: LSEE 101. LSEE majors only.]

**LSEE 212. Language & Literacy** (4). Foundational language and literacy skills are studied including linguistics and language conventions. Students observe and apply course content with elementary school students to expand their pedagogical content knowledge and skill. [Prereq: LSEE 211.]

## UPPER DIVISION

**LSEE 308. Algebra, Geometry, & Data in the Elementary Classroom** (4). Solid foundation for elementary school teaching focusing on the complementary development of symbol sense (algebra), spatial (geometry) and data sense (probability and statistics). [LSEE majors only. B-UD.]

**LSEE 311. Mathematics Fieldwork Observation & Seminar** (1.5). K-8 classroom observation of mathematics instruction. Includes a review of the California Mathematics content standards and discussion of teaching strategies used in the K-8 classroom. [Prereq: MATH 308B (C).]

**LSEE 312. Social Studies & Science Fieldwork Observation & Seminar** (1.5). K-8 classroom observation of social studies and science instruction. Includes a review of the California Social Studies and Science content standards and discussion of teaching strategies used in the K-8 classroom. [Prereq: HIST 311 (C) and SCI 331 (C).]

**LSEE 313. Science for Elementary Education** (4). Survey content course of the four domains of science taught to K-8 public school students with fieldwork in elementary school classrooms. Topics in life, physical, earth and space science as well as engineering and design. [Prereq: LSEE 308; LSEE majors only.]

**LSEE 315. Social Studies for Elementary Education** (4). Comprehensive theoretical and practical understanding of the social studies content for diverse K-8 learners including World, US and California History including aligned geography and economics content. [Prereq: LSEE 212; LSEE majors only.]

**LSEE 316. Language Arts for Elementary Education** (4). Development of content knowledge in the major descriptions of literacy needed to become effective teachers in the area of language arts. [Prereq: LSEE 212; LSEE majors only.]

**LSEE 317. Number Sense & Operations in Elementary School Math** (4). Improve facility with, appreciation of, and understanding of mathematics to build a solid foundation for elementary school teaching with a focus on number sense. [LSEE majors only.]

**LSEE 333. English Language and Bilingual Development** (4). Develop content knowledge regarding the foundations of language acquisition and English language/Bilingual programs. Students develop effective teaching strategies to meet the academic needs of linguistically and culturally diverse students. [Prereq: LSEE 212; LSEE majors only.]

**LSEE 377. Education of Exceptional Individuals** (4). Introduction to core concepts, specific terms, and definitions related to special populations in education. Specific educational support needs and effective techniques of instruction will be presented. [Prereq: LSEE 212; LSEE majors only.]

**LSEE 413. Integrated Elementary Science and Mathematics Methods I** (4). Content, methods, and materials for teaching science and mathematics in an integrated elementary classroom. [Prereq: LSEE 313; LSEE majors only.]

**LSEE 414. Integrated Elementary Science and Mathematics Methods II** (4). Content, methods, and materials for teaching mathematics/science in an integrated elementary classroom including activities/materials, planning lessons, technology, evaluating learning, and integrating math/science with other content areas through fieldwork placement. [Prereq: LSEE 413; LSEE majors only.]

**LSEE 415. Integrated Art, Language Arts and Social Studies I** (4). Content knowledge from Art, Social Studies and Language Arts is reviewed and analyzed while exploring pedagogies to teach an integrated curriculum. Methods and strategies to teach integrated lessons are investigated. [Prereq: LSEE 315; LSEE majors only.]

**LSEE 416. Integrated Art, Language Arts and Social Studies II** (4). Integration of Art/Language Arts/Social Studies through the demonstration of content knowledge and the development and implementation of integrated lesson plans for fieldwork placements in elementary classrooms. [Prereq: LSEE 415. LSEEmajors only]

**LSEE 421. Critical Multicultural Education** (4). Investigate issues such as opportunity gap, parental involvement and school funding to recognize and understand the social, cultural, economic, and historical factors affecting teaching and learning. Critical reflection is facilitated through an examination of multicultural children's literature. [LSEE majors only.]

**LSEE 423. School, Student and Social Development** (4). Foundations of teaching and learning of the school-age child; understanding development, learning, theory and practice; application of human development theories, approaches to discipline, and classroom management. [Prereq: LSEE 421; LSEE majors only.]

**LSEE 443. Action Research I** (4). Examines central tenets, methods and procedures of action research while engaged in community/school-

based projects with youth and developing an action research proposal with a focus on social justice/multiculturalism.

**LSEE 444. Action Research II** (4). Students apply interpersonal and research skills to conduct action research with focus on social justice/multicultural education in partnership with a community/school youth organization with whom they collaborate. Course includes fieldwork. [Prereq: LSEE 443. Letter Grade only.]

**LSEE 453. Senior Seminar I** (3). Synthesize the knowledge, skills, and interests developed through their education and, in concert with participation in community youth organizations, develop focus areas from which to develop action research projects. [Prereq: LSEE 377; LSEE majors only.]

**LSEE 454. Senior Seminar II** (3). Synthesize knowledge, skills, and interests developed through education and design a portfolio highlighting learning, continued community participation with youth, action research and growth as a professional. [Prereq: LSEE 453. Coreq: LSEE 443. LSEE majors only.]

**LSEE 455. Senior Credential Capstone** (4). Growth and development of reflective educators and lifelong learners through the demonstration of student teaching and performance assessment competencies, self-reflection and completion of course assignments. [Coreq: LSEE 414; LSEE majors only.]

**LSEE 475. Health and Physical Education** (4). Develop knowledge and skills to teach and evaluate health/physical education programs for elementary classrooms through observation and participation in classroom activities. [Prereq: LSEE 101. LSEE majors only.]

**LSEE 411. Language Arts Fieldwork & Seminar** (2). The course included K-8 observation of reading instruction, review of Language Arts standards, and discussion of teaching strategies used by K-8 teachers. [Prereq: ENGL 323 (C), ENGL 326 (C), ENGL 424 (C).]

**LSEE 412. Senior Capstone** (1). Discussions of current topics in education leading to pursuit of individual interest. Culminating activity is a public presentation of research findings and implications for the elementary classroom. [Prereq: LSEE 411 (C).]

**LSEE 499. Directed Study** (1-3). Individual Study; staff direction. [Rep.]