Graduate College of Education
Dean: Dr. Cynthia Grutzik

Department of Elementary Education
Burk Hall, Room 179
Phone: (415) 338-1562
Chair: Dr. Josephine Arce, Professor

Graduate Coordinators:
Elementary Education: Dr. Sisk-Hilton, Professor
Early Childhood Education: Dr. Henderson, Professor; Dr. Kim, Associate Professor; Dr. Meier, Professor
Reading & Literacy Added Authorization Certificate: Dr. Conrad, Assistant Professor
Mathematics Education: Dr. Zavala, Assistant Professor
Multiple Subject Credential, Bilingual Authorization: Dr. Arce, Professor

Program Scope
The programs are designed to deepen theoretical knowledge, to promote professional growth, and to enhance the competencies of elementary, middle and secondary school, and early childhood educators.

Program Aims
The Master of Arts in Education: Concentration in Early Childhood Education provides early childhood educators with advanced knowledge and training in research, theory, and practice for working with children and families in multicultural and multilingual early childhood settings. This degree provides infant, toddler, preschool, primary grade, community college educators, and early childhood administrators with the skills and knowledge for teaching and leadership positions in the field of early childhood education. Courses taken for the program can qualify for Teacher and Administrator levels of the California Child Development Matrix. Twelve units of the Multiple Subject Credential, ECE TK-5th Focus can be transferred to this MA program.

The Master of Arts in Education: Concentration in Elementary Education provides elementary school teachers with advanced knowledge of research, theory, and practice in the field of elementary education in general as well as in particular subject matter disciplines. This concentration is a continuation of the SF State Multiple Subjects Credential Program and is only open to students who have completed their credential within two years of applying to the M.A. Twelve units of the Multiple Subject Credential Program can be transferred to this MA program.

The Master of Arts in Education: Concentration in Mathematics Education provides elementary, middle school, high school teachers with advanced knowledge of research, theory, and practice in the teaching and learning of school mathematics and expands their knowledge of mathematics content. This program is run jointly with the secondary education department. Those holding a single subject mathematics credential should apply through the secondary department. Teachers holding Multiple Subject credentials will be eligible to apply for a supplementary authorization in mathematics for middle school teaching. This degree also prepares teachers to assume leadership roles in their schools and districts.
Describe the information in the image.
E ED 603 Promoting Young Children's Social and Emotional Development (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better; PSY 330; or consent of the instructor.

Theories and educational programs focusing on children's social and emotional development in culturally responsive early childhood settings. Attachment relationships, prosocial behavior, self-esteem, identity formation, friendships, guidance, and classroom management. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses. (Plus-minus letter grade only)

Course Attributes:
- UD-D: Social Sciences
- Am. Ethnic & Racial Minorities
- Social Justice

E ED 604 Advanced Issues in Collaboration with Families and Communities in Early Childhood Education (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* or consent of the instructor.

Understanding and overcoming obstacles to effective communication between educators and parents through conferences, home visits, participation on boards and committees, and problem-solving experiences. The rationale for parent involvement. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- UD-D: Social Sciences
- Am. Ethnic & Racial Minorities
- Social Justice

E ED 607 Leadership and Administration in ECE (Units: 3)
Prerequisite: Upper-division standing or consent of the instructor.

Ingredients necessary for a functioning staff in child development programs. Dynamics of an interdisciplinary early childhood team: administrators, teachers, parents, and support personnel. Development of roles and communication skills. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- UD-D: Social Sciences
- Am. Ethnic & Racial Minorities
- Global Perspectives
- Social Justice

E ED 608 Supervised Fieldwork: Preschool Curriculum Development (Units: 3)
Prerequisites: E ED 602 and E ED 610 (may be taken concurrently).

Field experience in an infant, toddler, preschool setting. Implementation of integrated curriculum. There is a requirement of 9 hours per week of classroom observation/participation in an approved licensed children facility.

E ED 610 Classroom Assessment and Evaluation for Young Children (Units: 3)
Prerequisites: FCS 220, PSY 330; consent of the instructor.

Observation and assessment of children's behavior and development in diverse early childhood settings and communities. Informal observational techniques and the role of assessment in curriculum planning. Thirty hours of classroom observation and participation per semester is required when a student is enrolled in one or more undergraduate ECE courses. (Plus-minus letter grade only)

E ED 611 Advanced Issues in Infant-Toddler Education and Care (Units: 3)
Prerequisite: Upper-division standing or consent of the instructor.

Thorough and practical examination of developmental theory from 0-3 years. Practical applications to planning group programs in a variety of settings. Role of relationships as seen in many contexts. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

E ED 613 Integrated Arts Curricula in Early Childhood Education (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Exposure to modes for creative self-expression available to young children. Theories of creativity applied to developing teaching techniques. Visual arts, music, and movement, and how to set up and teach in a learning center for creative arts. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- UD-C: Arts and/or Humanities
- Social Justice

E ED 614 Science, Math, and Technology Curricular in ECE (Units: 3)
Prerequisite: Upper-division standing.

Development of problem solving abilities related to mathematics and science for preschool-age children. Materials and techniques for teaching using an inquiry approach while incorporating everyday experiences. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- E1 LLD Pre-Fall 2019
- Environmental Sustainability
- Social Justice
E ED 615 Environmental Education in Early Childhood Education (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Helping teachers of young children to explore their sense of wonder and connection with the out-of-doors. Finding nature in the city and expanding outdoor experiences. Field trips to study sites throughout the Bay area. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- UD-D: Social Sciences
- Environmental Sustainability

E ED 616 Language and Literacy in Multilingual Early Childhood Education Settings (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Children's language learning in culturally and linguistically diverse early childhood settings. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

Course Attributes:
- UD-C: Arts and/or Humanities
- Am. Ethnic & Racial Minorities
- Global Perspectives
- Social Justice

E ED 619 Children’s Play: Theory and Practice (Units: 3)
Prerequisite: Upper-division standing.

The role of play in the development of young children. The educator's role in providing an environment which is physically safe, intellectually challenging, and emotionally nurturing, where young children have maximum opportunity to learn through play. Designing environments and programs that recognize the importance of play. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

E ED 639 Bilingual Education in the U.S.: A History of Struggle, Resistance, and Achievement (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Examination, exploration, and analysis of the history of bilingual education and its impact on educational opportunities for culturally and linguistically diverse students in the U.S. (Plus-minus letter grade only)

Course Attributes:
- UD-D: Social Sciences

E ED 642 Content Knowledge and Teaching Practices: Elementary School (Units: 1-3)
Prerequisite: Upper-division standing or consent of the instructor.

Integrating content knowledge and teaching practices on issues related to teacher preparation, including content integration, test analysis, focused practice, and state-adopted academic content standards in the teaching profession. May be repeated for a total of 6 units, but only 3 units may count toward the Minor in Elementary Education. (CR/NC grading only)

E ED 645 Directed Experiences with Children (Units: 1-3)
Prerequisite: Upper-division standing or consent of the instructor.

Individually guided observation and participation experiences with children in elementary school. May be repeated for a total of 5 units. [CSL may be available]

E ED 655 Hands-on Undergraduate Science Education Experience (Units: 3)
Prerequisite: Restricted to upper-division standing.

Application of knowledge of core science concepts to the teaching of elementary school children; design, implement and analyze the effectiveness of inquiry-based science learning activities to explore how children learn science.

E ED 668 Multicultural Education and Social Justice for Young Children (Units: 3)
Prerequisite: Upper-division standing.

Introduces approaches for integrating education about diversity in early childhood programs. Helping young children develop positive self concept and attitudes about gender, race, ethnicity, and disabilities. Critical thinking skills for challenging bias and thriving in multicultural society. There is a requirement of 30 hours of classroom observation/participation per semester when a student is enrolled in one or more undergraduate ECE courses.

E ED 681 Teaching Language and Literature with Elementary and Middle School Students (Units: 3)
Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Introduction to children's literature from picture books to chapter books. Topics include the history of children's literature, use of children's literature in the preschool to grade 8 classroom, multicultural and multilingual children's literature, and author and genre study. (Plus-minus letter grade only)

Course Attributes:
- UD-C: Arts and/or Humanities

E ED 687 Seminar: Field Experience (Units: 2-3)
Prerequisite: Multiple Subject Credential students.

Understanding school and classroom culture, roles of the teacher in contemporary urban school settings. Instruction, teaching, evaluation, professional responsibilities and opportunities, and community relationships. Application of theory to practice. May be repeated for a total of 6 units. (CR/NC grading only)

E ED 699 Independent Study (Units: 1-3)
Prerequisite: Upper-division standing or consent of the instructor.

An intensive study of a particular problem under the direction of a member of the department. Enrollment by petition approved by the instructor, adviser, and department chair. Open to regularly enrolled students only. May be repeated for a total of 6 units.