This course may be offered via distance learning.

Chemistry nomenclature, functional groups, stereochemistry, and classes of organic molecules. Topics include atomic structure, chemical bonding, and acid-base chemistry; organic chemistry nomenclature, functional groups, stereochemistry, and classes of organic reactions; an introduction to the structure and function of biological macromolecules (carbohydrates, lipids, DNA/RNA, and proteins) and an overview of metabolism. This course may be offered via distance learning. Grade Only. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 030A FUNDAMENTALS OF CHEMISTRY 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: Eligibility for ENG 001A and REA 054
Prerequisite: MAT 903 or MAT 903M
Acceptable for credit: University of California, California State University
This course is a continuation of CHM 030A. It is intended for pre-nursing students and is not recommended for science majors or those seeking entry to professional programs in medicine or pharmacy. This course is a survey of the major classes of biological macromolecules and their role in the chemistry of life processes. Topics include the biochemistry of carbohydrates, proteins, lipids, and nucleic acids, basic reactions of biosynthesis and metabolism, and applications of basic biochemistry to human physiology and disease processes. This course satisfies the general education requirements for non-science majors. Grade only. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 030B FUNDAMENTALS OF CHEMISTRY 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Prerequisite: CHM 030A
Acceptable for credit: University of California, California State University
This course is a one-semester survey of General, Organic, and Biological Chemistry. Acceptable for credit: California State University
Topics include atomic structure, chemical bonding, and acid-base chemistry; organic chemistry nomenclature, functional groups, stereochemistry, and classes of organic reactions; an introduction to the structure and function of biological macromolecules (carbohydrates, lipids, DNA/RNA, and proteins) and an overview of metabolism. This course may be offered via distance learning. Grade Only. CSUGE: B1, B3.

CHD 001 CHILD GROWTH AND DEVELOPMENT 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University, University of California
This course is a study of typical and atypical child growth and development in all domains from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors within the family cultural context. Students observe children using investigative research methods, evaluate differences and analyze characteristics of development at various stages. This course may also be offered via distance learning. Grade only. C-ID # CHEM 160S. CSUGE: B1, B3.

CHD 002 CHILD, FAMILY, AND COMMUNITY 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University, University of California
This class focuses on the relationship among children, families, and the community. Variations in family structure, cultural patterns, and the nature of parent child relationships are examined. Emphasis is on ethnic diversity, social class, gender roles and their impact on family behavior, values, morals and attitudes. The influence of child care, school, peers, and the media is examined. Current issues and problems facing families today are discussed. Agencies and resources which offer services or provide support to families are introduced. This course fulfills requirements as a core course for Title 22 licensing and the Child Development Permit. Grade only. C-ID # CDEV 110. CSUGE: D, E.

CHD 003 LANGUAGE AND LITERACY FOR THE YOUNG CHILD 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 002
Acceptable for credit: California State University
This course is designed to give students an opportunity to learn about the development of language in children and to learn about which experiences and techniques are needed to enable children to further that development. Students learn how to promote oral language abilities through activities offered by books, poetry, dramatic play, and group discussions. Pass/No Pass Option.

CHD 004 COGNITIVE EXPERIENCES FOR CHILDREN 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 002
Acceptable for credit: California State University
This course will examine the cognitive development in children by reviewing the theories, research and curriculum experiences that will enhance the child’s thinking and understanding of the child’s physical and social world. The implications of Piaget’s theory for curriculum design and the role of the teacher and the environment in cognitive development will also be examined. Observation of children will be required. Grade only.

CHD 005 MUSIC AND MOVEMENT 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University
This course is a study of music and movement activities and how these activities affect the child’s growth and development. Students learn how to assess musical and movement experiences and to design activities that promote the child’s development. Students gain skills in determining how these musical experiences help with the pre-reading period, cognitive development and sensory and creative expressions. Observation of children is required. Grade Only.

CHD 006 ADMINISTRATION I: PROGRAMS IN EARLY CHILDHOOD EDUCATION 3.0 UNITS
Total Lecture: 54 hours
Advisory: Eligibility for ENGL 001A and READ 054
Prerequisite: CHD 001, CHD 002, and CHD 010
CHD 007  ADMINISTRATION II: PERSONNEL AND LEADERSHIP IN EARLY CHILDHOOD EDUCATION  3.0 UNITS
Total Lecture: 54 hours
Advisory: Eligibility for ENG 001A and REA 054
Prerequisite: CHD 006
Acceptable for credit: California State University
This course is an in-depth study of effective application of personnel management and leadership procedures in early childhood programs. Topics include the unique goals, roles and responsibilities of the director or supervisor of the children’s center. The course includes staff-administrator relationships, staff development and in-service training, and focuses on effective problem solving techniques, decision making models, meetings, performance appraisals, and assessment of individual leadership styles. This course fulfills requirements for the State of California licensing policies and procedures Title 22. This course also fulfills the requirements for the Site Supervisor and Program Director Child Development Permit. This course may also be offered via distance learning. Grade only.

CHD 008A  PRACTICUM A  3.0 UNITS
Total Lecture: 18 hours, Total Lab: 108 Hours
Prerequisite: CHD 001, CHD 002, CHD 010, CHD 015, CHD 026
Acceptable for credit: California State University
This course introduces students to developmentally appropriate early childhood teaching competencies under guided supervision. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors and build a comprehensive understanding of children and families. All aspects of curriculum development and implementation are emphasized. Students work under the supervision of a practicum supervisor at the Mission College Child Development Center. Grade only. C-ID # ECE 210.

CHD 008B  PRACTICUM B  3.0 UNITS
Total Lecture: 18 hours, Total Lab: 108 hours
Prerequisite: CHD 008A
Acceptable for credit: California State University
Students implement curriculum that displays child centered, play-oriented approaches to teaching, learning and assessment. Knowledge of curriculum content areas are emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all children. Classroom management techniques are discussed. Students display knowledge of the use of environment, professional development skills, guidance techniques and portfolio documentation for assessment. Grade only.

CHD 010  PRINCIPLES AND PRACTICES IN EDUCATION  3.0 UNITS
Total Lecture: 54 hours
Advisory:CHD 001, CHD 002.
Acceptable for credit: California State University
This is a survey course that explores the issues and methodology of Early Childhood Education from a diverse perspective including: career options, historical roots, developmentally appropriate practices with children, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. Students become familiar with the nomenclature of the field and practices promoting advocacy, professionalism and ethical behavior. This course may be offered via distance learning. Grade only. C-ID # ECE 120.

CHD 013  TEACHING IN A DIVERSE SOCIETY  3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University
This course is an examination of the development of social identities and the theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies are explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. This course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. Grade only. C-ID # ECE 230. CSUGE: D, E.

CHD 014  ART AND CREATIVE DEVELOPMENT OF YOUNG CHILDREN  3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001
Acceptable for credit: California State University
This course focuses on creative art experiences for the child. Students explore the factors that effect the development of creativity, artistic expression, and aesthetics in children. Developmentally appropriate art experiences are explored with the emphasis on process rather than product. The role of the teacher and the importance of environment are discussed. Understanding and analyzing children’s art and its importance for the child’s overall development is studied. Students design creative art experiences to further the child’s creative expression. Observation of children is required. Pass/No Pass Option.

CHD 015  OBSERVATION AND ASSESSMENT OF CHILDREN  3.0 UNITS
Total Lecture: 54 hours
Prerequisite: CHD 001, CHD 002
Acceptable for credit: California State University
This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in promoting children’s success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. Grade only. C-ID # ECE 200.

CHD 016  INFANT AND TODDLER DEVELOPMENT  3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001
Acceptable for credit: California State University
This course provides students with an in-depth study of the child from years 0-3. It is an extension of CHD 001,Child Growth and Development, continuing the exploration of the development of the very young child in physical, cognitive, language, social, and emotional growth and development. Students learn to apply theoretical frameworks to interpret behavior and interactions between heredity and environment. The role of family and relationships in development is emphasized. This course meets the Infant-Toddler state licensing requirement. Observation of children is required. Grade only.

CHD 017  CHILD HEALTH, SAFETY AND NUTRITION  3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University
This course is an introduction to the laws, regulations, standards, policies and procedures of health, safety and nutrition in early childhood programs. The key components that ensure physical health, mental health and safety for both children and staff are identified along with the importance of collaboration with families and health professionals. The practice of integrating these concepts into everyday planning and program development with children is studied. This course may also be offered via distance learning. Grade only. CSUGE: E.

CHD 018  PARENTING ISSUES FOR TEACHERS  1.0 UNIT
Total Lecture: 18 hours
Acceptable for credit: California State University
This course is designed to give teachers or caregivers the skills to help parents develop positive attitudes, behavior and skills in their parent-child relationship. Students learn how to conduct parent/family meetings, parent/family conferences, and make other parent/family contacts. Grade only.
Specific attention is aimed at the role of the teacher as a professional working meeting their unique developmental needs in inclusive and natural environments. Modification strategies for children with disabilities are discussed with the goal of Education Plans (IEP) and Individual Family Service Plans (IFSP). Curriculum fields of both early childhood education and special education. Topics covered include temperament, and disabilities. Positive guidance strategies, prevention techniques, factors that impact the behavior of young children. This includes stressors, child temperament, and disabilities. Positive guidance strategies, prevention techniques, supportive relationships, classroom management, observation, and intervention plans are discussed.

CHD 021 CHILDREN AND PLAY 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001
Acceptable for credit: California State University
This course focuses on the classic and contemporary theories of play and the implications of play in relationship to the child's social-emotional, cognitive, language and physical development. Students observe children's play behavior and plan and implement developmentally appropriate experiences for young children in a group setting. Creating inclusive play curricula and developing and implementing special techniques for children with special needs are discussed. Grade only.

CHD 022 ADULT SUPERVISION IN EARLY CHILDHOOD PROGRAM 2.0 UNITS
Total Lecture: 36 hours
Advisory: CHD 001 and CHD 010
Acceptable for credit: California State University
This course is a study of methods and principles of program and professional assessment, evaluation, and communication appropriate for individuals who supervise adult teachers, parents, and volunteers in early childhood programs. A variety of professional and program instruments, including the National Association for the Education of Young Children (NAEYC) Accreditation self-study materials, designed for use in assessing staff performance and program quality are thoroughly discussed in an in-depth analysis of on-going assessment and its importance in program and professional development. In addition, self-assessment, leadership style, communication styles and career development are examined. This course partially fulfills Child Development Permit requirements for Master Teacher, Site Supervisor or Program Director. This course may also be offered via distance learning. Grade only.

CHD 024 POSITIVE GUIDANCE IN EARLY CHILDHOOD 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 002
Acceptable for credit: California State University
This course takes a comprehensive look at the genetic, environmental, and cultural factors that impact the behavior of young children. This includes stressors, child temperament, and disabilities. Positive guidance strategies, prevention techniques, supportive relationships, classroom management, observation, and intervention plans are discussed. Grade only.

CHD 025 INCLUSION STRATEGIES AND CURRICULUM IN EARLY CHILDHOOD EDUCATION 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 020
Acceptable for credit: California State University
This course focuses on the theories, research, and practical applications from the fields of both early childhood education and special education. Topics covered include using observation and assessments and implementation of Individual Education Plans (IEP) and Individual Family Service Plans (IFSP). Curriculum modification strategies for children with disabilities are discussed with the goal of meeting their unique developmental needs in inclusive and natural environments. Specific attention is aimed at the role of the teacher as a professional working with families, collaborating with interdisciplinary teams, and creating cultural competence. Grade only.

CHD 026 INTRODUCTION TO CURRICULUM 3.0 UNITS
Total Lecture: 54 hours
Prerequisite: CHD 001
Acceptable for credit: California State University
The course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students examine the teacher's role in supporting development and fostering the joy of learning for all young children. Students use observation and assessment strategies emphasizing the essential role of play. An overview of content areas includes but is not limited to: language and literacy, social and emotional learning, sensory learning, art and creativity, math and science. Grade only: C-ID # ECE 130.

COMMUNICATION STUDIES (COM)

COM 001 PUBLIC SPEAKING 3.0 UNITS
Total Lecture: 54 hours
Advisory: LIB 010 or LIB 010H
Prerequisite: ENG 908 or higher
Acceptable for credit: University of California, California State University
This is a basic course in speech communication that emphasizes the fundamentals of informative and persuasive speaking presented extemporaneously. The theory and techniques that are stressed include: research, critical evaluation, reasoning, organization, style, and delivery; the role of the listener in oral communication; and understanding the audience-speaker relationship. This course may also be offered via distance learning. Grade only: C-ID # COMM 110. CSUGE: A1; IGETC: 1C.

COM 001H PUBLIC SPEAKING – HONORS 3.0 UNITS
Total Lecture: 54 hours
Advisory: LIB 010 or LIB 010H
Prerequisite: ENG 908 or higher
Acceptable for credit: University of California, California State University
This honors course is an enhanced version of the traditional curriculum, emphasizing the fundamentals of informative and persuasive speaking with extemporaneous speaking style. The theory and techniques that are stressed include: research, critical evaluation, reasoning, organization, style, and delivery; the role of the listener in oral communication; and understanding the audience-speaker relationship. Students cannot receive credit for both COM 001 and COM 001H. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade only: C-ID # COMM 110. CSUGE: A1; IGETC: 1C.

COM 004 SMALL GROUP COMMUNICATION 3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A
Acceptable for credit: University of California, California State University
This course is designed to provide students with theoretical and practical experiences in problem solving, conflict management, decision making, and leadership in various group contexts. Students learn and practice effective oral communication skills important to the social-emotional, task and leadership functions of small groups in a variety of situations. Grade only. C-ID # COMM 140.

COM 008 INTERPERSONAL COMMUNICATION 3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A, and REA 054
Acceptable for credit: California State University
This course involves practical communication skills useful for communicating in one's personal life as well as in working relationships. Course content emphasizes communication skills and theory important in improving interpersonal relationships. Topic areas include listening, nonverbal communication, assertiveness, self-awareness, intercultural communication and conflict resolution. Pass/No Pass Option. C-ID # COMM 130. CSUGE: E.