

CHEM 30B Elementary Organic and Biochemistry

Units: 4.0 Hours: 3.0 Lecture and 3.0 Laboratory

Transferable:CSU-GE:B1, CSU-GE:B3, IGETC:5A, IGETC:5C, GAV-GE:B1, GAV-GE:B3

This is the second semester of a year-long elementary chemistry course designed as a family-used school and community and emphasizing historical and socio-cultural factors. This course will cover the principles of organic and biochemistry including hydrocarbons, alcohols, aldehydes, ketones, carboxylic acids, amines and amides, carbohydrates, lipids, proteins and nucleic acids in physiological systems, as well as organic chemical reactions. PREREQUISITE: CHEM 30A with a grade of C or better.

CD 5 Child, Family and Community

Units: 3.0 Hours: 3.0 Lecture

An examination of the developing child in a societal context focusing on the interaction of family, school and community and emphasizing historical and socio-cultural factors. This course will cover the processes of socialization and identity development, showing the importance of reciprocal relationships that support and empower families and respond to all children's needs. (C-ID: CDEV 110) ADVISORY: Eligible for English 250 and English 260.

CD 6 Games and Rhythms for Children

Units: 3.0 Hours: 3.0 Lecture

Nature, function and organization of physical activities for the preschool and elementary school child. Emphasis is given to the understanding of psychomotor development and spatial awareness. Designed for those planning to work with children. Also listed as Kinesiology 6. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

CD 7 Cultural Context of Child and Family in a Diverse Society

Units: 3.0 Hours: 3.0 Lecture

This course examines the cultural influences on child-rearing practices, family values, and human development. Theories from the social sciences will be used to critique and review theoretical and practical implications of oppression and privilege as they apply to families, schools, and communities, and historical and socio-cultural factors. The processes of socialization and identity development will be examined with respect to the importance of respectful, reciprocal relationships that support and empower families and communities. This course has the option of a letter grade or pass/no pass. (C-ID: ECE 230) ADVISORY: Eligible for English 250 and English 260.

CD 8 American Education in a Changing World

Units: 3.0 Hours: 3.0 Lecture

This course provides an overview of education in the United States. It examines the issues, problems and solutions to teaching in a pluralistic society by viewing schools as social institutions that reflect the values and dynamics of a society. It focuses on the history, politics, theories and applications of teaching culturally and linguistically diverse children and analyzes career opportunities and directions in education. For students who wish to expand their knowledge of education in America and those who wish to explore careers in teaching. This course includes a Service Learning component that will encourage students to explore and apply concepts from the class. This course has the option of a letter grade or pass/no pass.

CD 9 Teaching Reading and Writing to Children

Units: 3.0 Hours: 3.0 Lecture

This course is designed to teach prospective teachers how a child learns to read and write successfully in school. Specific techniques will be taught. Students will be expected to work 24 hours with a child or children in order to practice their skills and techniques. This course has the option of a letter grade or pass/no pass. ADVISORY: Completion of English 250, English 260 or equivalent.

Prerequisite: ECE 100
Prerequisite: ECE 100

CHILD DEVELOPMENT**CD 1 Principles and Practices of Early Childhood Education**

Units: 3.0 Hours: 3.0 Lecture

An overview of the developing child, current theories and research within the context of family, school, and community, and a historical perspective on the development of early childhood programs which are developmentally appropriate. The processes of socialization and identity development will be highlighted. This class is appropriate for students wanting to work with young children in a variety of programs, including infant-toddler, preschool, transitional kindergarten, and kindergarten. Observations in schools are to be arranged. (C-ID: ECE 120) ADVISORY: Eligible for English 250 and English 260.

CD 2 Early Child Development

Units: 3.0 Hours: 3.0 Lecture

Transferable:CSU-GE:D, IGETC:4I, GAV-GE:D2, GAV-GE:E2

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from conception through the preschool years. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course is also listed as PSYC 2. This course has the option of a letter grade or pass/no pass. (C-ID: CDEV 100) ADVISORY: Eligible for English 1A; transfer students consult with advisor.

CD 3 Child Growth and Development During the School Years

Units: 3.0 Hours: 3.0 Lecture

Transferable:CSU-GE:D, IGETC:4I, GAV-GE:D2, GAV-GE:E2

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from middle childhood through adolescence. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 3. (C-ID: CDEV 100) ADVISORY: Eligible for English 1A; transfer students consult with advisor.

CD 4 Observing and Assessing Children

Units: 3.0 Hours: 3.0 Lecture

Provides training in a variety of naturalistic and formal observation techniques, and discusses the use of standardized testing in children. Students learn to use formal observation tools, maintain a study portfolio and give a parent conference. Observing children in classroom settings is required. This course has the option of a letter grade or pass/no pass. (C-ID: ECE 200) ADVISORY: Eligible for English 1A; transfer students consult with advisor.

