

Major Course Requirements

Required: PSYC---101 Psychology

Introduction to the scientific study of behavior and mental processes. Topics include research methods, biological bases of brain and mind, sensation---perception, sleep and states of consciousness, learning---memory, development, cognition---intelligence, motivation---emotion, personality, abnormal psychology---therapy, and social psychology. Research findings and principles related to everyday life.

Required: PSYC215 or PSYC220: PSYC---215 Child Development

The goal of this course is to enable students to acquire a knowledge base of child development. Consideration of developmental issues particular to special needs youngsters will also be addressed. Students will examine the central emotional, cognitive, and social issues for each developmental period during childhood. Cultural, socio---economic, and historical influences on development will be integrated within the course.

PSYC---220 Human Growth and Development

A study of the changes in behavior and mental processes across the life---span and the biological, psychological, social and cultural factors influencing those changes.

Required: PSYC230 or PSYC250 PSYC---230 Abnormal Psychology

Examines abnormal behavior with an emphasis on the classification of, causes of, and treatments for mental disorders. Focuses on major mental disorders including: anxiety, somatoform, and dissociative disorders, mood disorders, schizophrenia, personality disorders, substance---related disorders, sexual disorders, and cognitive disorders

PSYC250 Personality

Explores major theoretical perspectives on personality such as psychodynamic, trait, biological, humanistic, behavioral---social learning, and cognitive approaches. Presents relevant

research on personality structure, normal and abnormal development, and assessment, including self---assessment through standardized personality tests.

Required: Two additional courses from the following group at least one of which is from the PSYC 200--- level series:

PSYC---125 Psychology of Personal Adjustment

Focus is on personal adjustment as an ongoing process of the normal individual. An examination of individual adjustment in terms of the psychological, developmental, and sociocultural dimensions of everyday living. A major concern is the practical application of psychological principles to the enhancement of personal adjustment. Main topics include the origins of adjustment, adjustment and identity, individual growth and change, social adjustment, and problems of adjustment

PSYC---240 Social Psychology

An examination of the behavior of individuals in relation to society. Topics include the self in social context, interpersonal relationships, group behavior attitudes, communication, and attraction.

PSYC---245 Cross---Cultural Psychology

This course offers an introduction to the field of cross---cultural psychology. In this course students study the cultural similarities and differences of human behavior and mental processes. Students examine how race, gender, religion, geography, language and other demographic variables influence the ways in which individuals maneuver through their worlds. Relevant topics include: cross---cultural research methodology; culture and perception; intelligence, universality of human emotions; motivation; human development and socialization; psychological disorders; social cognition and cultural values; and social interactions.

PSYC---255 The Psychology of Women

A critical examination of theories of female personality and behavior. Emphasis is placed on the data concerning women's physical, cognitive, emotional and social characteristics and the biological, developmental, and social forces shaping them. Issues related to health, discrimination, and victimization also discussed.

PSYC---260 Psychological Disorders of Childhood

This course is a survey of the major psychological disorders in infants, toddlers, children, and adolescents with a focus on diagnosis, assessment, etiology, and treatment. These disorders include anxiety disorders, mood disorders, conduct disorders, attention---deficit hyperactivity disorder, learning and communication disorders, eating disorders, habit disorders, attachment disorders, autism and other pervasive developmental disorders, childhood psychoses, and sensory---motor disabilities. Emphasis is placed on the developmental context of the disorders and on the use of multiple theoretical perspectives on the disorders

PSYC---270 The Psychology of Aging

A multifaceted approach to the study of the aging process, including the effects of aging on learning, intelligence, personality, and emotional development. The role and status of the elderly person with respect to the family and society. A cross---cultural examination of the situation of the aged person and an evaluation of the utility and limitations of institutional care.

PSYC---290 States of Consciousness

Examines theory and research related to altered states of consciousness. Topics include sleep, dreaming, hypnosis, biofeedback, meditation, and parapsychology in its various manifestations

SOCY---101 Sociology

Introductory analysis and description of structure and dynamics of human society; special emphasis

on application of scientific methods of observation and analysis of social groups, intergroup relations, social change, social stratification, and social institutions.

ANTH---101 Anthropology

A survey of peoples and cultures, past and present, from many parts of the world. The student is introduced to the study of humankind through the four---discipline approach: sociocultural anthropology, linguistic anthropology, physical anthropology, and archeology. Critical issues concerning human behavior are explored, such as the ecological crisis or the clash of traditional and modern values in today's world

HE---104 Addictions and Dependencies

An investigation of recent research related to the psychological and physiological effects of dependencies, such as compulsive eating, gambling, work habits, and smoking. The problems of use and abuse of depressants, stimulants, hallucinogens, and rehabilitation also discussed.

HE---105 Human Sexuality

Designed to assist students in developing positive and accepting attitudes and behaviors about their own sexuality and that of others throughout the life cycle. Study includes psycho---sexual development, sexual behaviors, reproductive biology, and family planning.

Additional Major Requirements

Required:

MA336 MA---336
Statistics

Introduction to statistics and the use of a professional statistical software package. Descriptive statistics, probability, binomial and normal distributions, sampling, confidence intervals and tests of hypotheses.

Required: SP211

SP---211 Speech Communication

This course introduces students to the principles and practices of contemporary forms of public speaking in the United States. Selecting topics from current U.S. society and or American history, students will perform research and gather credible evidence from both primary and secondary U.S. sources to create both informative and persuasive speeches. Students are also asked to employ methods taught in this course to analyze both historical and contemporary U.S. rhetoric for authenticity, organizational structure, target audiences and effectiveness as a means of persuasion or communication. Enrollment limited to 22 students.

Required: HE101 or HE102

HE---101 Introduction to Health Education

An introductory course in personal and community health designed specifically for students who have been placed in Academic Literacy reading and/or writing, or The English as a Second Language

sequence. Topics include mental health, addictions and dependencies, sex and sexuality, diet, exercise and weight control, the major diseases and their relation to morbidity and longevity. In addition, students are required to attend Health Lecture Series Programs and/or related field experiences as a complement to classroom activities.

HE---102 Health, Behavior and Society

This fundamental course focuses on the relationship between health and human behavior by exploring the psychological, biological, and socio---cultural perspectives of health. Topics for

discussion emphasize disease prevention and lifelong health promotion for the individual and the community. Learning experiences are designed to enable students to develop analytical reasoning skills in order to make informed health decisions and to promote and maintain wellness across diverse cultures. This course will examine major health areas of importance to the individual and society including nutrition, mental health, stress, sexuality, exercise science and addictions

Required: One science laboratory course (STEM variant in the Common Core satisfies this requirement): applicable courses include BI132, BI171, CH102, CH111, CH121, ET842, PH112

BI---132 Laboratory: Foundations of Biology

An introductory laboratory course that provides an opportunity for students to get hands on experience in biology. It centers around performing laboratory experiments that explains biological concepts like cellular basis, properties and diversity of life, microscopic world of cells, ecological interactions, photosynthesis, respiration, evolution of life, patterns of inheritance and human genetics. Fetal pig dissections are also part of the course to familiarize students with mammalian organ system anatomy and physiology.

BI---171 Laboratory: Plants and People

Laboratory experiments and demonstrations of the practical aspects of plants as they relate directly to our lives.

CH---102 Living in a Chemical World Laboratory

This laboratory course should be taken with CH---101 (Living in a Chemical World lecture). The role of chemistry in everyday life is highlighted and explored. Basic experimental design and analysis are studied. Methods are introduced for the analysis of food, medicines, and household products. Laboratory techniques such as synthesis, titrations, chromatography, use of the spectrophotometer, and Geiger--- Muller counter are employed. Successful completion of CH---101 and CH---102 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree. May not be used as part of the Science or Mathematics Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

CH---111 Chemistry and the Environment Laboratory

An environmental chemistry laboratory course which should be taken with CH---110 (Chemistry and

the Environment lecture). The role of chemistry in environmental processes is highlighted and explored. Basic experimental design and analysis are studied. Methods are introduced for the determination of some aspects of air and water quality. Laboratory techniques such as titrations, chromatography, use of the spectrophotometer, and Geiger--- Muller counter are employed in pollutant determinations. Successful completion of CH---110 and CH---111 satisfies the laboratory science requirement for the Associate in Arts (A.A.) degree. May not be used as part of the Science or Mathematics Concentration required in the A.S. in Liberal Arts and Sciences curriculum.

CH---121 Fundamentals of Chemistry Laboratory

This laboratory course complements CH---120 (Fundamentals of Chemistry) and provides basic knowledge of modern experimental chemistry. It demonstrates how chemical laws are derived, verified, and applied. It introduces essential laboratory methods and techniques including separations and chromatography; determination of density and melting and boiling points; electrical conductivity of solutions; qualitative analysis; chemical reactions and stoichiometry; pH analysis; and titration. Students are strongly encouraged to take CH---121 while taking CH---120. Successful completion of CH---120 and CH---121 satisfies the laboratory science requirement for the A.A. degree. This course is not open to students who have completed CH---127, CH---128, CH---151, CH---152, CH---251, or CH---252

ET---842 Energy Production and Conservation for a Sustainable World

This course provides students with the opportunity to relate their daily energy use to various renewable and non---renewable energy sources. Students will also participate in hands---on laboratory experiments that demonstrate how energy can be controlled and conserved in order to reduce harmful carbon emissions and costs.

PH---112 Space, Astronomy and Our Universe Laboratory

Topics related to space and astronomy, such as our planet and moon, stars, galaxies and the universe and physical processes and laws that govern the motion and evolution of all objects in the universe will be studied through laboratory exercises.

