PSY 30654  Marriage and Family
Study of the function of marriage and family in contemporary American society, including the "why" of intimate relationships, couple/parent/child adjustment, three generational relationships, and the process of break-up and remarriage. CROSS LISTED WITH HUS 30654.

PSY 30754  Adult Psychology
Study of contemporary issues of adulthood using psychological and sociological perspectives. Topics include identity crisis, male/female relationships, processes of creativity, and the implications of adult development for behavior at work and home.

PSY 30853  History and Systems of Psychology
Review of the historical antecedents of contemporary psychology. 
Prerequisite: PSY 12053 Principles of Psychology or equivalent.

PSY 30954  Death and Dying
Confronts the subject of death from new and alternative perspectives. Explores attitudes of death and the dying process, rituals, theories, and the social organization of death in many societies to gain knowledge in understanding feelings and attitudes toward death. CROSS LISTED WITH HUS 30953. 
Prerequisite: PSY 12053 Principles of Psychology or SOC 10453 Introduction to Sociology.

PSY 31154  Introduction to Human Sexuality
Focuses on psychological issues important for developing a healthy self-identity related to being sexual and to interaction with others. Topics include meaning of intimacy, making choices about sexual behavior and enhancement of sexual relationships.

PSY 31254  Introduction to Communicative Psychology
Provides information about sub-field of psychology that focuses on environmental context of human behavior. Explores community psychology’s concern with neighborhoods, communities and organizations as they influence quality of life for individuals who live and work within them.

PSY 31354  Physiological Psychology
Examines physical basis of human behavior and experience, how the brain and nervous system work, information flow, and processing at higher levels of organization. Addresses issues of intelligence, consciousness, addictions, and deviant behavior from a neurophysiological standpoint.

PSY 31554  Psychology of Women
Provides critical overview of issues relevant to the psychology of women. Topics include gender differences, socialization processes, relationships, stereotypes, sexuality, androgyny, women and the world of work, women and therapy, violence, and empowerment. Diversity issues (ethnicity/race, SES, sexual orientation, etc.) integrated throughout the course material.
Prerequisites: PSY 12053 Principles of Psychology, SOC 10453 Introduction to Sociology.

PSY 31854  Theories of Learning
Introduces essential features of major learning theories. Emphasis on learning process, historical perspective of learning theory and examining relationships that exist between learning theory and educational practices.
PSY 31954  Stress Management  
Explores the physiological and psychological components of stress and stress reduction techniques such as meditation and psych-visualization.

PSY 32053  Child and Adolescent Development  
Covers child's physical, psychological and social development from the prenatal stage through adolescence. Topics include abuse, neglect and dysfunction.

PSY 32153  Social Psychology  
Examines social influences on human behavior including attitude formation and change, influence and persuasion, social attraction, theories of aggression, conformity, cultural impact, leadership styles, power and status, social roles, and environmental influences.  
Prerequisites: PSY 12053 Principles of Psychology.

PSY 32253  Research Design and Analysis  
Reviews basic research methods focusing on conceptual basis for experimentation. Includes basic design components such as control, sampling, data collection, and analysis. CROSS LISTED WITH HUS 32253.  
Prerequisites: PSY 12053 Principles of Psychology or SOC 10453 Introduction to Sociology and MAT 32044 Statistics.

PSY 32353  Developmental Psychology  
Examines theory and research on issues of human growth and development.

PSY 32454  Group Dynamics  
Offers understanding of groups and group process. Emphasis on topics such as group discussion, group decision-making, participation in groups, power and authority, varieties of communication, preparing for meetings, and evaluating effectiveness of meetings.

PSY 32554  Introduction to Research Methods  
Helps students acquire knowledge and develop analytic skills to evaluate and do research. Covers purpose and process of science and research, different kinds of research, fundamental techniques of data analysis, measures instruments and tasks, problems in research design, and use of reference materials.

PSY 32854  Introduction to Art Therapy  
Examines theory and practice of art "in therapy" and art "as therapy".

PSY 32951  The Suicide Syndrome  
Explores three different suicide types, their underlying pathologies and intervention strategies.

PSY 33051  Family Systems Seminar  
Introduces systems theory to individuals who work with families and systems in a variety of contexts including schools, social agencies, hospitals, churches, and businesses. Explores rules and patterns of families that enable people working with systems to more effectively perceive the nature of problems and intervene with meaningful solutions.
PSY 33154  Christian Counseling
Explores traditional Christian counseling approaches to mental health disorders.

PSY 33251  Spirituality and Psychotherapy
Explores connections between the field of psychology and dimensions of spirituality and psychological healing.

PSY 33351  Introduction to Gestalt Psychotherapy
Introduces theoretical concepts of Gestalt Psychotherapy through readings and questioning exercises.

PSY 33453  Tests and Measurements
Surveys types of tests and other measurement tools. Includes construction, application and interpretation with various populations.

PSY 33651  Healing Shame
Examines the internalization process of shame, its effects and how to begin the journey of uncovering and healing it primarily through development of Affect Theory.

PSY 34154  Adult Learning and Development
Emphasizes developmental changes in adulthood and aging. Topics include biological, social, and psychological influences related to adult roles, lifestyles and problems in aging.

PSY 40154  Dysfunctional Families
Introduces family systems theory with emphasis on traits of dysfunctional relationships.

PSY 40354  Introduction to Feminist Psychology
Provides overview of feminist psychology with attention to theoretical position and methodological concerns. Analyzes the historical development and trends in feminist psychology and impacts on the general field.

PSY 40454  The Aging Process
Describes aging process including sociological, psychological and biological aspects of aging. Examines basic principles of aging and implications of current demographic trends. CROSS LISTED WITH SOC 40454.

PSY 40455  Intimate Relationships
Major topics include marriage, divorce, cohabitation, and being single. Discuss research methods for collecting and analyzing data, issues of interpersonal attraction, love and romance, and sexuality, and elements of relationships including selfishness, communication, power, jealousy, conflict, loneliness, and friendship. Therapeutic interventions presented.

PSY 40552  Counseling Theories and Dynamics
Introduces major systems and theories of counseling and psychotherapy including dynamics that contribute to an effective therapeutic approach. Use of didactic and experiential teaching methods.
CROSS LISTED WITH HUS 40552.
PSY 40553  Counseling Theories and Dynamics
Introduces major systems and theories of counseling and psychotherapy including the dynamics that contribute to an effective therapeutic approach. Also consist of use of didactic and experiential teaching methods.
Prerequisites: PSY 12053 Principles of Psychology, PSY 30153 Theories of Personality or PSY 30353 Psychology of Abnormal Behavior.

PSY 40854  History and Systems of Psychology
Reviews historical antecedents of contemporary psychology, critical analysis of selected psychological theories and discussion of application of these theories in contemporary psychology.
Prerequisites: PSY 12053 Principles of Psychology.

PSY 41053  Internship: Psychology
Practical experience in major area of study. Arranged individually and taken after completion of major coursework.

PSY 41154  Theories Of Psychology
Explores different theoretical perspectives in psychology. Integrates historical-theoretical perspectives with selected current issues and approaches in psychology including self-help psychology.

PSY 42053  Internship: Psychology
Practical experience in major area of study. Arranged individually and taken after completion of major coursework.

PSY 42554  Behavioral Counseling
Investigates a variety of models of behavioral counseling and interventions with emphasis on usage and techniques. Includes applications for parenting, educational counseling and rehabilitation.

PSY 42654  Health Psychology
Comprehensive study of contributions of psychology to health promotion and maintenance, illness prevention and treatment and related health issues.

PSY 45652  Compassion and Caring
Helps students explore compassion and caring from a social psychological perspective. Discover prosocial and altruistic behavior and identify situations and personality factors that influence development of compassion and caring.

PSY 45653  Rational-Emotive Behavior Therapy
Discusses treatment of commonly occurring emotional difficulties such as depression, anxiety, anger, and addictions through Rational-Emotive Techniques. Addresses applications for group therapy.

PSY 45654  Psychopathology: Assessment and Treatment Issues
Learn what psychopathology is, how to diagnosis and forms of interventions. Scope includes diagnosis, assessment, differential diagnosis, medication management, psychotherapy, treatment planning, collaboration with professionals, dual diagnosis, chemical dependency, hospitalization, day hospital, outpatient treatment, insurance, chronically mentally ill, and self-help groups. Students must be currently employed in a helping profession where experiential learning may be gained.
PSY 49053  Senior Comprehensive
Examination or project designed to assess student's achievement of goals of his/her major program.
Prerequisites: Senior standing.

PSY 49201  Seminar in Psychology
Capstone course that guides student in development of integrative written project that demonstrates personal achievement of learning outcomes in the psychology major. Culminates in a major theoretical paper, written in APA format, investigating and discussing a major issue or issues within the field and presented in seminar form in class.

REL 10223  Introduction to the Gospels
Examines historical background to the Gospels, uniqueness of the genre and content of the four Gospels with sensitivity to particular theological emphasis of each of the evangelists.

REL 11023  Christian Thought I
Introduces basic theological categories traditionally included within Christian systematic theologies. Examines revelation, God, Christology (doctrine of Christ), and Ecclesiology (doctrine of the Church). Categories approached from historical and contemporary perspectives.

REL 11123  Introduction to the Old Testament

REL 11223  Introduction to the New Testament

REL 20123  The Biblical Book
In-depth study of a particular Biblical book. Varies from year to year.

REL 20323  The Pentateuch
Survey of theologically central documents of the Hebrew bible. Designed to acquaint students with characters, concepts and events that lay foundations for Jewish, Christian and, in some cases, Muslim religious traditions.

REL 21023  Christian Thought II
Promotes further reflection upon central Christian doctrines: Pneumatology (doctrine of the Holy Spirit), Anthropology (doctrine of Humanity), Soteriology (doctrine of salvation), and Eschatology (the doctrine of the last things).

REL 23723  Dimensions Of Faith
Introduces some of the more significant themes of Christian thought today. Themes include both traditional concepts and more contemporary developments in religious thought. Emphasis on one's personal interaction with these themes.
REL 30122  Philosophy of Religion
Introduces basic concepts of philosophy of religion. Addresses meaning of religion in context of ritual, worship, morality, and the sacred.

REL 30224  Christian Ethics
Mixture of classics and contemporary writings selected through consultation with student. Studies various understanding of the relationship of faith to life in society. Explores major models for understanding moral life.

REL 30424  Myths, Symbols and Rituals
Explores function of myth, ritual and symbol in anthropological and psychological thought through interdisciplinary framework.

REL 30623  Christian Worldview and Challenge
Examines concept of worldview and its importance. Surveys a number of viable contemporary worldview options (e.g., Marxist, Darwinian Evolutionistic, New Age, Postmodern) and analyzes them in light of their philosophical coherence and relationship to orthodox Christianity.

REL 31523  Issues in Science and Religion
Explores scientific methodology, religious methodology and relationship between these domains of inquiry. Brief survey of historical relationship between science and religion (e.g., Christianity and the rise of western scientific method, the Galileo affair, etc.) and contemporary controversial issues such as Big Bang and evolution.
Prerequisite: Consent of instructor.

REL 32923  Contemporary Issues in Biblical Studies
Examines key issues relating to Biblical literature including historical uniqueness, reliability, historical Jesus, interpretation, and authority of the Bible.

REL 33024  Religion in American Society
Enables participants to increase their knowledge of Judaism, Catholicism and Protestantism. Develop awareness of our ultimate concerns. Analyze and identify way religion relates to modern societal issues. Provides biblical and historical investigation of origins and common roots of faiths, as well as distinct differences among them.

REL 33823  World Religions
Studies different ways human beings, throughout time and around the globe, have expressed what they regard as basic problems and meanings of existence and how to deal with them. Provides tools to use in unlocking experiences central to several "primitive", Oriental and Hebraic religious traditions. Lecture, slides, music, sacred texts, scholarly literature, and class discussion assists in relating personal experiences to themes of world's religions.
Prerequisites: REL 10223 Introduction to the Gospels and REL 11023 Christian Thought I, or consent of instructor.

REL 34723  The Life and Meaning of Jesus
Examines Gospel literature as it relates to Jesus. Considers various historical approaches to the life and ministry of Jesus. Explores the significance of Jesus.
REL 34823  The Life and Thought of Paul
Examines the life of Paul in relation to his career and his epistles.
Prerequisite: REL 10223 Introduction to the Gospels or consent of instructor.

REL 3592  Exploring Religion
Through videos, classroom discussions, lectures, demonstrations, projects, text readings, and visits to spiritual centers, explore questions such as: What is a spiritual quest? What does "holy" mean? How do individuals and groups encounter the holy? How does one use religious language, stories and scripture? What is the purpose of rites and how do they work? What problems arise with various ideas about God, good and evil, sex, healing, and human destiny? What is the future of religion?

REL 41023  Internship: Religion
Practical experience in major area of study. Arranged individually and taken after completion of major coursework.

REL 41223  Introduction to the New Testament Greek
Introduction to elements of grammar and vocabulary of Koine Greek. Includes reading and interpreting the New Testament Greek.
Prerequisites: REL 10223 Introduction to the Gospels, REL 11023 Christian Thought I and either ENG 23723 Intermediate Writing or ENG 31053 Advanced Expository Writing.

REL 41224  Sacred Literature of Major Religions
Covers basic teachings of sacred literature of Zoroastrianism, Islam, Christianity, Hinduism, Buddhism, and Daoism.

REL 41225  Early Christians

SOC 10153  Social Thought
Focus through sociological perspective on concepts fundamental to existence of society. Covers historical development and contemporary manifestation of ideas including freedom, inequality, ethnocentrism, belief, and individual responsibility as they relate to culture in the United States.

SOC 10453  Introduction to Sociology
Introduces theory and method in social sciences as they relate to key concepts in the field of sociology including socialization, culture, status, stratification, conflict, and change.

SOC 11753  Social Problems and American Values
Analysis of human maladjustments as they relate to culture of the United States, concentrating on the social factors operative in both personal and social problems. Additional analysis of programs to alleviate or eliminate social problems included.

SOC 26052  Topics in Social Sciences
Designed around special theories, practices or interests of an individual or group of students.
SOC 26053  Cultural Anthropology
Introductory course that surveys history, theory and method in the field through examination of basic concepts in anthropology including culture, adaptation, cooperation, social order, and change.

SOC 30354  Contemporary Social Problems
Analysis of contemporary social problems including race relations, poverty and unemployment. Examines such issues from a cross-cultural perspective.

SOC 30653  Ethnic Relations and Multiculturalism
Focuses on intergroup and intragroup experiences of various ethnic populations within the United States. Includes impact of integration, discrimination, prejudice, and social dynamics of conflict and assimilation to various groups. CROSS LISTED WITH EDU 30634.
Prerequisite: SOC 10153 Social Thought or SOC 10453 Introduction to Sociology.

SOC 30753  Human Sexuality
Inter-disciplinary approach draws upon the scientific expertise of anthropologists, biologists, medical researchers, sociologists, social workers, and psychologists and the contributions of these fields to the study of human sexuality. Interest in this topic is based on the fact that sexual behavior reflects our biological capabilities, our psychological characteristics and social and cultural influences. Covers core topics in the field of human sexuality including anatomy, physiology, arousal and response, gender roles, attraction, love, intimate relationships, sexual communication, sexual techniques, sexual orientation, conception, birth control, prenatal development, childbirth, sexual behavior across the life-span, sexual dysfunction and therapy, sexually transmitted diseases, atypical variations in sexual behavior, sexual coercion, and commercial sex. Focuses on critical thinking as a tool for learning and taking action through diverse literature in the field of study. In addition, addresses gender roles, sexual attitudes, sexual behaviors, sexual health, and sexually responsible decision-making.

SOC 31553  Directions of Social and Cultural Change
Analysis of processes of social change at various levels of society. Covers application of sociological theory regarding cause, manifestation and consequence of change agents.

SOC 32054  Individual and Community in American Society
Reading course built around Habits Of The Heart by Robert Bellah, et al., which examines middle class America's beliefs and commitments in such areas as finding oneself, love, marriage, work, politics, religion, and health of our society. Explores all breadth areas.

SOC 32253  Research Design and Analysis
Review of basic research methods focusing on the conceptual basis of experimentation. Includes basis design components such as control, sampling, data collection, and analysis.
Prerequisite: PSY 12053 Principles of Psychology, MAT 32044 Statistics.

SOC 34154  Feminist Theory
Examines various schools of feminist theory and impact on psychology, sociology and anthropology. Particular emphasis on neo-Marxist and psychoanalytical feminist theories of gender development and role designation.
SOC 34854  Sociology of Marriage
Focuses on challenges and concerns of contemporary marriage. Topics include myths and realities of relationship development, love and romance, sexuality, communication, power, jealousy, and conflict dynamics. Resources include clinical, social science, media, and participant insights.

SOC 40154  Gender Roles
Provides framework for investigating cultural and social processes of gender definition and identification in order that both genders achieve a sense of equality and attainment. Addresses socially constructed areas, stereotypical gender roles, communication, and deviant behavior.

SOC 40254  Race, Class And Gender
Examines context of modern sociological and anthropological theory and manner in which race, class and gender interface and interact.

SOC 40454  The Aging Process
Describes aging process including sociological, psychological and biological aspects of aging. Examines basic principles of aging and implications of current demographic trends.
CROSS LISTED WITH PSY 40454.

SOC 40753  Sociology of Deviance
Explores various theoretical definitions and explanations of frequency and extent of deviance and crime in society. Includes treatment of criminology with consideration of social characteristics of offenders, victims, crime rates, and various punishment strategies.
Prerequisite: SOC 30653 Ethnic Relations and Multiculturalism.

SOC 40854  Field Research
Application of Social Science methods to a research question identified by the student in consultation with professor.
Prerequisites: SOC 32253 Research Design And Analysis, SOC 30653 Ethnic Relations And Multiculturalism.

SOC 42053  Internship: Sociology
Practical experience in major area of study. Arranged individually and taken after completion of major coursework.

SOC 49053  Senior Comprehensive in Sociology
Examination or project designed to assess student's achievement of goals of his/her major program.
Prerequisite: Senior standing.

SOC 49500  Foundations of Social Science
Focuses on study of society from integrated, social science perspective. Examine cultural and social issues as presented in history and the present. Strengthen knowledge of social science as it interweaves political, economic and social issues.

SPA 10124  Elementary Spanish I
Introduces pronunciation, basic language structure and vocabulary, simple conversation, reading, writing, and culture. Special emphasis on oral comprehension to serve as introductory model for speaking. Extensive practice with audiotapes outside of class.
SPA 10224  Elementary Spanish II
Continuation of Elementary Spanish I.

SPA 20123  Intermediate Spanish I
Advanced language structure, expanded vocabulary, intensive reading, continuing emphasis on oral comprehension and speaking, directed and free composition practice, and advanced study of Hispanic cultures. Extensive practice with audio tapes outside of class.

SPA 20223  Intermediate Spanish II
Continuation of Intermediate Spanish I with supplementary work in discipline specific vocabulary and style. Optional introduction to Hispanic literature.

SPH 10121  Intercollegiate Forensics
Provides students with active training in speech communications and includes traveling on competitive speech and debate teams. May be taken up to eight semesters.
Prerequisite: Consent of instructor.

SPH 10923  Voice and Diction
Study of speech organs and their functions, building awareness of the individual speaking voice. Study of International Phonetic Alphabet with goal of achieving Standard American speech. Training and development of articulation, projection, rhythm, and melody.

SPH 11023  Speech Preparation and Delivery
Provides instruction and practice in speaking before a group. Practical study of processes of development of a speech and its delivery with oral practice in various forms of public address. Development of criteria for judging and evaluating effective speaking.

SPH 20323  Debate and Forensics
Studies the principles of argumentation and practice in debate techniques with special emphasis on reasoning and research, case construction, refutation, and rebuttal. Uses collegiate debate question to give practical experience in various forms of debate.
Prerequisite: SPH 11023 Speech Preparation and Delivery.

SPH 20523  Oral Interpretation
Development and understanding of prose, poetry and dramatic literature from selection through analysis to performance, both individually and in groups.

THE 11421  Applied Theatre
Designed for students participating in, acting or backstage work, theatre productions of the University. Coursework arrangements made individually with theatre director.

THE 14123  Stagecraft
Examines theory and practice of technical phases of play production including stagecraft, lighting, costuming, makeup, design, and theatre management. Understand coordination and management of all phases of production. Includes practical work on productions.
THE 14623  Introduction to Theatre
Provides basic knowledge of theatre, its origins and development. Focuses on creative work and joy that are involved in theatre from playwright, director and actor, to designer, technician and critic. Introduces some of the world's great dramas with emphasis on modern plays.

THE 20023  Acting I
Covers basic techniques for comprehension of theory and practice of acting. Explores both "inner" and "outer" techniques to create a role. Follows working steps from analysis of script to the creation in performance of a fully realized characterization. Designed as an introduction for beginning students and basis for advanced study.

THE 31523  History of Theatre I
Study of origins and development of theatre from the Greeks to 17th century. Examines and analyzes major playwrights and plays with emphasis on European and Eastern works. Includes overview of the history of theatre criticism.

THE 31623  History Of Theatre II
Focuses on development of theatre from the late 17th century and Realism through 20th century to contemporary movements. Examines and analyzes major playwrights and plays of Europe and America.

THE 33023  Costume Design for the Theatre I
Topics include research of historically accurate clothing, elements of design, rendering of costume designs, following the concepts and style of a production to design appropriate costumes, developing creativity and imagination to enhance the artistic element, next step in progression of costumes for stage, and design of many costumes and productions. Final is a design product.

THE 36000  Topic in Theatre
Designed around special theories, practices or interests of an individual or group of students.

THE 40023  Acting II
Advanced acting course continuing development of skills acquired from Acting I. Emphasis on acting styles required for successful performance of historical period plays and genres and the techniques to interpret, analyze and portray roles from historic literature.
Prerequisite: THE 20023 Acting I or consent of instructor.

THE 40624  Directing
Focuses on theory and practice of directing: composition, picturization, movement, rhythm, and pantomimic dramatization. Examines directing of last 100 years, from proscenium to central experimental staging. Requires final project.
Prerequisites: THE 14123 Stagecraft, THE 14623 Introduction to Theatre, THE 20023 Acting I.

THE 41023  Internship: Theatre
Experience in theatrical production or internship. Requires definition of area of study and major project. May be taken for semester credit in Senior Comprehensive.
THE 42023  Theatre Practicum
Experience in theatrical production or internship. Requires definition of area of study and major project. May be taken for semester credit in Senior Comprehensive.
Prerequisite: Consent of instructor.

THE 49023  Senior Comprehensive in Theatre
Presents senior theatre performance majors with an opportunity to demonstrate their maturity of performance skills and techniques.
Prerequisites: Senior status and a declared and approved major in theatre.

UNV 11011  Principles Academic and Personal Development
Attention to development of skills necessary for the successful student. Includes study skills, test taking, overcoming test anxiety, time management, and note-taking. Brings student into contact with personal issues such as conflict resolution, stress management, money management, goal setting, and career development.

UNV 11112  Introduction to College Skills: Reading
Develops increased depth and rate of reading comprehension. Concentrated emphasis on critical reading skills and vocabulary expansion.

UNV 11213  Introduction to College Skills: Writing
Concentrated review and practice of basic aspects of sentence structure, grammar, paragraph development, and essay format. Stresses writing essays of various types with revisions.

UNV 11413  Introduction to Basic College Skills
Attention to improvement of basic and developmental level reading and writing competencies. Areas dealt with include reading comprehension and speed, organization, sentence structure, developing ideas, work forms, and punctuation. Also addresses study skills and time management.

UNV 22312  Understanding and Appreciating Differing Types
Introduces Myers-Briggs Type Indicator through a one-day workshop and directed study. Assists in understanding how different learning patterns and attitudes toward life can lead to different communication styles, work preferences and other interests and behaviors. Students learn their type and how to be more effective in dealing with people of differing types.

UNV 22412  Type in Organizations
Concentrates on organizational applications of Myers-Briggs Type Indicator for those already familiar with psychological type. Covers identifying personal leadership style, learning conflict reduction through the understanding of type and assessment of work-group strength and liabilities.

UNV 32314  Experiential Learning in Adult Education
Reviews history and patterns of experiential learning in adult education and enables clarification of the role that experiential learning plays in students' education. Provides criteria for preparing and evaluating claims for experiential learning and for designing future learning projects.
GRADUATE COURSE DESCRIPTIONS

All courses are 3 semester credit hours unless otherwise indicated.

BUS 7000  Organizational Leadership and Behavior
Examines human behavior as it impacts the work organization. Includes theoretical foundations of motivation, group dynamics, leadership, decision-making, satisfaction, and performance.

BUS 7100  Human Resource Planning and Administration
Integration of human resources with strategic business functions and planning. Examines issues of structure, staffing, effectiveness, performance and assessment, and diversity within organizations.

BUS 7200  Value Systems and Professional Ethics
Study of personal and corporate value systems. Investigates personal beliefs, purposes and attitudes and their effects on self and others. Examines role of human element in organizational structures.

BUS 7450  Strategic Marketing
Covers the identification and selection of marketing opportunities, target markets and design, and implementation and evaluation of marketing programs.

BUS 7460  International Business
Examines business practices and decision-making from a global perspective. Topics include market entry, strategy and operations appropriate for both multinational corporations and entrepreneurial international start-up firms. Emphasizes business-government relations and suggests alternative strategies for working effectively with governments to achieve corporate goals.

BUS 7500  Managerial Economics
Application of economic theory to managerial decision-making. Emphasis on both quantitative and qualitative application of microeconomic principles to business analysis.
Prerequisite: Students are expected to have completed undergraduate coursework in fundamentals of economics.

BUS 7563  Quantitative Analysis for Business
Examines principles of economics, accounting and business mathematics. Methods presented for applying quantitative problem-solving techniques to fundamental issues in business such as economic breakeven points, pricing with demand elasticity’s, financial ratios, capital asset pricing models, constructing budgets, and analyzing accounting data.

BUS 7600  Managerial Finance
Application of the theories and tools used in financial decision-making. Topics include present value and capital budgeting, financial analysis and forecasting, market efficiency, and capital structure.
Prerequisite: Students are expected to have completed undergraduate coursework in the fundamentals of accounting and economics.
BUS 7681  Project Management
Examines project management principles, methods and tools for planning and organizing and controlling non-routine activities. Develops skills needed to plan and execute projects to meet schedule, budget and performance objectives.

BUS 7700  Management Information Systems
Examines the use of computer information systems in business organizations with emphasis on how information technology supports business functions and aids managerial decision-making. Explores current trends and emerging technologies.

BUS 7800  Management Accounting
Explore use and application of accounting information for planning, control and decision-making. Topics include cost analysis and allocation, budgeting and behavioral aspects of accounting systems. 
**Prerequisite:** Students are expected to have completed undergraduate coursework in accounting fundamentals.

BUS 7900  Social, Cultural, Legal, and Political Influences on Business
Examination of social, legal, political, and cultural forces affecting organizations in both domestic and global environments. Emphasis on identification and development of strategies for dealing with threats and opportunities arising from the relationship between organizations and their operating environments.

BUS 8000  Advanced Leadership Theory and Practice
Covers theory and practice related to organizational leadership. Topics include organizational system thinking, living systems theory, leadership capacity development, and other advanced leadership theories. Includes application of theory to a variety of workplace settings.

BUS 8500  Graduate Seminar: Business Policies and Strategies
Capstone course in which participants develop a major case study of business administration issues, programs and policies in a current organization. Draws from and utilizes concepts, theories and skills developed in previous courses. 
**Prerequisite:** Completion of all core courses in the MBA program or approval of advisor.

EDC 7133  Counseling and the Helping Professions
Examines the counseling process, instruction and practice in communication skills in counseling, history, development, and practice of counseling as a profession, and how and where counseling is provided. 
(Cross listed with PYF 7132)

EDC 7173  Montessori Education: Philosophical Approach, Curriculum Design and Teaching Strategies (Early Childhood)
Examines Montessori theories concerning the developing child and Montessori philosophy, principles and methods including words, events and people involved in the evolution of the philosophy. Integrates curriculum (mathematics, practical life, language, and sensorial) into the classroom for young children.
EDC 7183  Montessori Education: Philosophical Approach and Methods of Observation/Clinical Experiences (Elementary)
Examines Montessori theories concerning the developing child and Montessori philosophy, principles and methods including words, events and people involved in the evolution of the philosophy. Other topics include developmental stages of children, observation as the basis of individual instruction and enhancement skills of parent-teacher communication, record keeping, observation, and classroom management.

EDC 7213  Classroom Management
Exploration of various models, techniques and management systems that enhance teaching skills in the classroom. Focuses on adaptation of theories to develop an individualized classroom management plan for elementary or secondary classrooms. Must be taken concurrently with EDC 7214.

EDC 7214  Research and Field Activities: Classroom Management
Includes assignments designed to increase student’s awareness of the current practices and issues related to classroom management through field observation and research. Must be taken concurrently with EDC 7213.

EDC 7223  Educational Tests and Measurements
Understand functions of testing and measurement in education. Emphasizes construction, selection, administration, and application of tests. Assessment instruments include aptitude, ability and intelligence measures and personality and interest inventories. Must be taken concurrently with EDC 7224.

EDC 7224  Research and Field Activities: Educational Tests and Measurements
Includes assignments designed to increase student’s awareness of current practices and issues related to education tests and measurements through field observation and research. Must be taken concurrently with EDC 7223.

EDC 7233  History and Philosophy of Education
Investigation of school and its relationship to society and the learner in the past, present and future. Includes historical and philosophical perspectives, as well as approaches of major educational philosophers. Must be taken concurrently with EDC 7234.

EDC 7234  Research and Field Activities: History and Philosophy of Education
Includes assignments designed to increase student’s awareness of current practices and issues related to history and philosophy of education through field observation and research. Must be taken concurrently with EDC 7233.

EDC 7243  Educational Psychology
Psychological focus on the learning process and its relationship to a diverse student body, motivation, theories, and strategies of effective teaching, lesson planning, individualization, classroom management, cooperative learning, and appropriate assessment methods. Must be taken concurrently with EDC 7244.
EDC 7244    Research and Field Activities: Education Psychology
Includes assignments designed to increase student's awareness of current practices and issues related to
education psychology through field observation and research. Must be taken concurrently with EDC 7243.
1 semester credit hour.

EDC 7263    Philosophical Foundations for Bilingual/Multicultural Education
Covers philosophy, theory and research in first and second language acquisition and in Bilingual

EDC 7273    Methods of Assessing BLE/ESL Students and Programs
Identification and implementation of variety of assessment materials to determine placement of Limited
English Proficiency (ALP) students in BLE and ESL programs. Emphasis on the exploration of models to
determine language acquisition in the BLE/ESL learner.

EDC 7283    Methods of Observation/Clinical Experiences/Child Development
Examines developmental stages of children and observation as the foundation for individualized instruction.
Enhances skills of parent-teacher communication, record keeping, observation, and classroom management.

EDC 7293    Instructional Theory and Techniques
Integration of educational theories and methods of instructional management through paradigms of
individual and organizational motivation and development. Incorporation of education psychology learning
principles through personal inventory, and in-depth study into teacher-teaching and student-learning styles
and their applicability to organizations. Introduction of organizational management and organizational
assessment models, especially as they apply to principles of educational law.
2 semester credit hours.

EDC 7323    Reading, Writing and Content Area Methods
Examines methods to facilitate learning and language acquisition in content areas for limited English
proficient students. Includes curriculum development and material selection.

EDC 7343    Multicultural Concepts Impacting School and Community
Identification of socio-cultural concepts affecting school, community and family involvement of limited
English proficient students.

EDC 7363    Early Childhood/Montessori Methods
Understand Montessori practical life and sensorial materials through theories as they apply to the child.
Examines the sequence of the practical life and sensorial materials. Demonstrates ability to support sensory
motor development.

EDC 7373    Early Childhood Language and Reading Methods
Understand Montessori language and reading theories as they apply to the child. Examines the sequence of
presentation and purpose of each piece of language and reading materials. Develop appreciation for the
creative nature of these areas of study.
EDC 7383  Early Childhood Math Methods
Understand Montessori mathematics theories as they apply to the child. Examines the sequence of presentation and purpose of each piece of mathematics materials. Develop appreciation for the creative nature of this area of study.

EDC 7433  Social and Cultural Concerns in Counseling
Study of social, cultural and gender differences and issues related to counseling clients with various backgrounds, beliefs and concerns. Includes multicultural counseling techniques.
(Cross listed with PYC 7422)

EDC 7523  ESL Methods of Instruction
Examines development of programs, curriculum, teaching strategies, and material selection and practical aspects of organization and management of the ESL classroom.

EDC 7553  Special Topics in Education
Includes topics of investigation and study designed around special theories, practices or interests in the field of education.

EDC 7563  Montessori Math and Geometry Methods
Continued exploration of characteristics of the 6-9 year-old child. Exposure to range and rationale and successful use and creation of Montessori methods in the area of mathematics and geometry. Effectively match the child’s needs to available developmental aids.

EDC 7573  Elementary Language Arts and Reading Methods
Examines approaches needed to assist speaking, listening, reading, and writing abilities of 6-9 year-old child in a Montessori environment including various language, literature and reading approaches as they are integrated into a cosmic curriculum focus. Understand development and investigate strategies as they apply to the use of language materials.

EDC 7583  Montessori Cultural Subjects Methods
Develop appreciation of Dr. Maria Montessori’s philosophy of Cosmic Education. Understand purpose of materials used and their relationship to the total development of the child. Studies students’ lessons in cultural areas of history, geography, biology, and physical science.

EDC 7603  Conflict Resolution in an Educational Environment
Develop knowledge and skills leading to identification and description of conflicts in an educational setting. Includes application of conflict resolution techniques and other communication approaches with students, parents and school personnel.
(Cross listed with HRC 7961)

EDC 7623  Nature and Grammar of the English Language
Examines nature and grammar of the English language as it relates to Bilingual Education/ESL and recent approaches including transformational grammar.
EDC 7653  Theory and Techniques for Education Intervention
Study of needs and theories underlying education intervention, role of the interventionist, and fundamental techniques in use. Includes relevant ethics, laws and policies.

EDC 7673  Curriculum Design and Teaching Strategies (Montessori Elementary)
Interpretation of child development and early education concepts to other staff, parents and community. Integrate elementary curriculum into the classroom. Demonstration of knowledge of varied learning styles and the ability to plan and implement group activities. Demonstrate listening and interaction skills with parents and others. Examines a variety of record keeping, evaluation processes and curriculum materials.

EDC 7703  School and Community Resources for Education Intervention
Examine networks, directories and guides for the identification and utilization of intervention resources found within school systems and in the community at large.

EDC 7753  Assessment Techniques for At-Risk Learners
Review and evaluate various instruments and techniques used for identification and assessment of at-risk learners. Includes integration of test results, educational history and other sources of student information into the learning plan.

EDC 7763  Applied Linguistics
Covers principles and applications of linguistic processes. Includes principles of linguistic development for first and second language acquisition. Emphasis on the role of linguistics in the acquisition of reading and writing skills and implications for curriculum development.

EDC 7773  Early Childhood Practicum (I) Ages 2 1/2-6
Experience teaching children in a Montessori early childhood environment. Review cosmic curriculum based on Montessori material, philosophy and observation. Strengthen curriculum in art, music, drama, and physical education. Understand developmental needs of children and understand positive qualities of early childhood teaching as it relates to classroom management and discipline.

EDC 7783  Early Childhood Practicum (II) Ages 2 1/2-6
Learn practical knowledge through daily experiences in the Montessori early childhood learning environment. Demonstrate ability to diagnose children's learning needs through variety of vehicles (observation, case studies, tests, developmental scales, and classroom products).

EDC 7793  Materials and Strategies for Success with At-Risk Learners
Development of materials and their strategic applications to facilitate success-oriented attitudes and behaviors among at-risk learners. Integration of materials and strategies into curriculum, teaching methods and student-support services.

EDC 7803  Psychological Testing
Examines use of standardized tests to study individuals including test development, selection, administration, and interpretation. Includes educational and mental health applications.  
(Cross listed with PYC 7802)
EDC 7823   Life Planning and Career Development
Focus on theory, research, techniques, and tools used in life planning and career development.
(Cross listed with PYC 7822)

EDC 7863   Elementary Practicum (I) Ages 6-9
Practical experiences in a Montessori elementary environment. Plan for the continuity of learning experiences for children and demonstrate the ability to diagnose children's learning needs (through observation, case studies, tests, developmental scales, and classroom products). Develop suitable match between diagnosis and learning activities, demonstrate knowledge of various learning styles, demonstrate knowledge of environmental design and preparations, and provide opportunities for choice, problem-solving, decision-making, and responsibility for learning on part of the children.

EDC 7873   ESL Practicum
Supervised applications of course content in a K-12 setting. Emphasis on ESL strategies in lesson planning, implementation and evaluation for both small and large group instruction.
Prerequisites: EDC 7263, EDC 7323, EDC 7343, EDC 7523.

EDC 7883   Elementary Practicum (II) Ages 6-9
Practical experience in the Montessori elementary environment. Continuation of Practicum I. Emphasis on development of methods toward implementation of various skills and programs into curriculum including learning assessment, design adaptation and problem-solving and decision-making as it applies to responsible learning and behavior on the part of children. Includes parental involvement toward goal-orientation and goal-completion.

EDC 7903   Bilingual Education Methods in Spanish
Examines rationale, theories, concepts, and methods of bilingual instruction. Major emphasis on practical application of methods in a bilingual setting. Course conducted in Spanish.
Prerequisite: Successful completion of the Arizona Department of Education examination in Spanish.

EDC 7904   Bilingual Methods of Instruction for the Multilingual Classroom
Examines rationale, theories, concepts, and methods of bilingual instruction as presented to BLE/ESL and ESL students. Major emphasis on practical application of assessment instruments and implementation of instructional methods in a bilingual and/or multilingual setting.

EDC 7905   Bilingual Practicum
Develop program, curriculum, teaching strategies, and material selection. Learn practical aspects of organization and management of the bilingual classroom.

EDC 7923   Counseling Theories
Examination of theories of personality development and therapeutic processes. Includes consideration of techniques for counseling applications and professional consultation.
(Cross listed with PYC 7922)
EDC 7933  Group Counseling and Dynamics
Study of theories of group counseling and techniques of observation, assessment and leadership in therapeutic groups.
(Cross listed with PYC 7932)

EDC 8013  Professional and Ethical Issues in Counseling
Study of ethical, legal and professional concerns in the practice of counseling including preparation for the first practicum.
Prerequisites: At least 15 hours of coursework including PYF 7122, PYC 7922 and PYC 7932.
(Cross listed with PYF 8012)

EDC 8113  Theory and Techniques in Marriage and Family Counseling
Examination of traditional and contemporary theories of family systems and approaches to marriage and family counseling.
(Cross listed with PYC 8112)

EDC 8213  Family Systems Theory
In-depth study of major systems theories underlying family and relationship therapy.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.
(Cross listed with PYC 8212)

EDC 8283  Child and Adolescent Therapy
In-depth didactic and experiential examination of family system-oriented therapies with children and adolescents.
Prerequisite: PYC 8212.
(Cross listed with PYC 8282)

EDC 8453  Field Experience in Education
Individually designed course offering opportunity to integrate course knowledge with practical experience in an educational setting. Approved written proposal required.

EDC 8463  Practicum in School Guidance Counseling
Individually designed course offering opportunity to practice individual and group counseling under professional supervision in an appropriate level school setting. Approved written proposal required.
Prerequisite: 15 semester credit hours of counseling coursework, including EDC 8013.

EDF 7103  Philosophy, Accountability and Change
Contemporary and traditional philosophies of education related to diversity, school outcomes and change. Develop and assess learning programs designed to integrate a philosophy of change with beliefs about learners, teachers, schools, and communities.

EDF 7153  Methods and Models of Research
Examination of models of research and application of scientific methods to investigate, analyze and develop solutions relative to current issues in the field.
(Cross listed with PYF 7162, HRF 7151)
EDF 7163  Educational Research: Assessment and Evaluation
Development of conceptual and analytical skills and knowledge to assess and evaluate effectiveness of educational programs and structures through use of research methodologies.
Prerequisite: 12 semester credit hours of graduate coursework.

EDF 7203  Diverse Community of Learners
In-depth study of variability among students in schools and other educational settings from preschool to adult learning. Special focus on the identification of and programming for at-risk students.

EDF 7253  Educational Equity and Cultural Diversity for Multilingual Learners
In-depth study of variability among students in schools and other educational settings from preschool to adult learning. Special focus on the effects of cultural diversity and educational equity in the classroom. Provides overview of concepts from ESL/Bilingual courses, as well as an enrichment of new concepts through presentations and research. Includes concepts of instruction for cultural understanding to enhance student potential.

EDF 7303  Leadership and Management of Change
Examines the role of the leader in assessing and responding to change and techniques of change management including consultation, site-based councils and conflict resolution. Topics also include organization, facilitation and communication for change.

EDF 7403  School Counseling in a Changing Environment
Examination of the role of the counselor in elementary, secondary and community college settings including counselor, advisor, educator, advocate, and consultant. Study of exemplary models of school counseling programs effective with diverse and changing populations.
(Cross listed with PYC 8022)

EDF 8503  Master's Research Project
Prepare major culminating scholarly project directly relevant to the program of study. Approved project proposal required.

HRC 7000  Statistics Workshop
Examines fundamentals of descriptive and inferential statistics. Discuss advanced statistics topics such as hypothesis testing, small sample size statistics and analysis of variances (ANOVA). Includes lecture, class discussion and problem-solving using examples from education, human resources, counseling, and business administration.
No semester credit.

HRC 7341  Emotional Intelligence in the Workplace
Research shows emotional intelligence (EI) is more important than IQ in determining outstanding job performance. Examines variety of instruments and writings used to build EI in workplace.

HRC 7361  Managing Human Resource Costs
Monitor and assess financial achievements of human resources goals, as well as other financial planning and control mechanisms within the work organization.
HRC 7461  Wage, Salary and Benefits Administration
Provides comprehensive overview of elements of compensation, legal ramifications, compensation design, and design of benefits programs and their impact on compensation and recruitment.

HRC 7511  Personnel and Labor Relations
Examines field of personnel and labor relations, problem aspects and external and internal factors that constrain and shape relationships. Includes labor management relations, union behavior, collective bargaining, and employee relations (non-union).

HRC 7512  Workplace Leadership Coaching
Emphasis on theory and practice related to leadership coaching. Develop skills of personal and workplace coaching methods to create effective personal and workplace domains.

HRC 7513  Learning Organizations
Examination of core concepts and principles essential to development of positive organizational culture. Emphasis on use of systems thinking and team learning to break through barriers to organizational change.

HRC 7514  Business Skills for Human Resources Professionals
Examination of key business functions, processes and operations. Topics include basic accounting, finance, economics, leadership, decision-making, and role of HR as a strategic business partner.

HRC 7515  Human Resource Information Systems
Overview of human resource information systems and their role in human resource functions. Exploration of current research and practice in development, implementation and application of HRIS.

HRC 7551  Special Topics in Human Resources
Topics designed around special theories, practices or interests in the field of Human Resources.

HRC 7561  Recruitment, Selection and Placement
Examine issues and methods for effective recruitment, employment selection and job placement. Compare various methods and procedures used as related to job requirements.

HRC 7601  Training and Development
Cover fundamentals, purpose and role of training and development function in human resources. Includes needs assessment, program development, methods and technologies, management development, and evaluation of interventions.

HRC 7605  Training in Human Resource Development
Surveys current theory and organizational models for human resource development with emphasis on selecting, organizing, evaluating, and managing training programs.

HRC 7611  Organizational Behavior and Theory
Study of human behavior as it impacts the work organization and theoretical foundations of motivation, group dynamics, leadership, decision-making, satisfaction and performance.
HRC 7651  Employment Law: State Conditions of Employment
Study of case law and major statutes affecting legal relationship between employer and employee. Explores judicial reasoning by briefing court decisions from varied state jurisdictions, as well as federal judiciary. Includes review of the hiring process, discrimination in hiring and conditions of employment and termination.

HRC 7661  Organization Consultation Skills
Emphasis on the consulting process in organizations including the role and skills of a consultant, internal versus external consulting, contracting for services, resistance to change, diagnosis, data collection, and interventions to improve organizational performance. Apply consulting skills to case simulation.

HRC 7711  Organizational Change Theory and Strategy
Examines strategic interventions to change organizations from planning through implementation and assessment and theoretical models for change including organization development and total quality management.
Prerequisite: HRC 7611.

HRC 7721  Management and Development of Teams
Discuss nature, function and creation of teams in the workplace. Includes implementation of team structure, communication and conflict management, managing team effectiveness, decision-making process, and impact of team structures on organizational culture.

HRC 7741  Employment Law
Examination of Equal Employment Opportunity, Americans With Disabilities Act, Family Leave Act and other recent and forthcoming legislation. Discuss impact for employee relations and management training for compliance.
Prerequisite: HRC 7561 or equivalent work experience.

HRC 7751  Employment Law II
Study of case law and major statutes affecting legal relationship between employer and employee. Explores judicial reasoning by briefing court decisions from varied state jurisdictions, as well as federal judiciary. Includes review of wages and hours, health insurance and other fringe benefits, occupational safety and health, workers' compensation and government disability benefits, unemployment insurance, and social security retirement.

HRC 7771  Instructional Design
Design training course, including needs assessment, objectives, training manual, and assessment for a work organization.

HRC 7781  Strategies for Human Resource Development
Experiential investigation of advanced instructional design strategies. Develop presentation skills, group facilitation skills and assessment methods for organizational effectiveness.
Prerequisite: HRC 7601 or HRC 7771 or equivalent work experience.
HRC 7811 Career Development
Studies issues and methods involved in career development, as well as the personal and organizational issues and practices relevant to individual careers. Examines career development methods and their application to specific work situations.

HRC 7841 Managing a Culturally Diverse Workforce
Study of how gender, ethnicity and other cultural diversity dimensions influence organizational behavior and outcomes. Includes theory and techniques for working with and leading diverse workforce in order to increase organizational effectiveness and to enable all members to reach their full potential.

HRC 7861 Negotiation and Conflict Resolution
Examines process of negotiations as the major method by which normal conflict both in business and in life can be resolved. Works on gaining skills in negotiations to increase overall effectiveness in dealing with situations where rules and procedures are non-existent or poorly defined. Considers variety of negotiation strategies and techniques in management and everyday life.

HRC 7871 Employee Assistance and Counseling
Exploration of issues, policies and practices related to employee assistance programs in business, education, health care, and other settings. Includes consideration of counseling theories and relevant counseling techniques for employee assistance programs.

HRC 7911 Applying Statistics in Human Resources
Introduces statistical measures and methods commonly used in human resources and total quality management. Hands-on experience using personal computer statistics program to gather, analyze, interpret, and display statistics.

HRC 7961 Managing Organizational Conflict
Develop practical skills through participation in an organizational simulation: a behavioral laboratory for the study of conflict. Develop theoretical and conceptual bases for the applied skills learned in the simulation.
(Cross listed with EDC 7603)

HRC 8512 Advanced Team Facilitation
Study of theory and practice of group facilitation as applied to team development, training or other organizational intervention. Emphasis on multidisciplinary approaches to group and team leadership.

HRC 8551 Advanced Special Topics in Human Resources
Advanced elective graduate topics in the field of Human Resources.

HRF 7001 Seminar: Value Systems
Study of personal and corporate value systems. Opportunity to investigate personal beliefs, purposes and attitudes and their effects on self and others. The role of the human element in organizational structures.

HRF 7111 Trends, Issues and Perspectives in Human Resources
Provides extended overview of the role of human resources in organizations and existing theory and practice, as well as new and emerging topics in the field.
HRF 7151  Methods and Models of Research
Examination of models of research and application of scientific methods to investigate, analyze and develop solutions relative to current issues in the field.
(Cross listed with PYF 7162, EDF 7153)

HRF 7161  Research: Assessment and Evaluation
Develop conceptual and analytical skills and knowledge to assess organizational needs and program effectiveness through the use of research methodologies.
Prerequisite: 12 semester credit hours of coursework.

HRF 8451  Field Experience in Human Resources
Individually designed course offering opportunity to integrate human resources knowledge from previous courses with experiences in a work-related setting. Approved written proposal required.
Prerequisite: 15 semester credit hours of coursework.

HRF 8481  Applied Case Studies in Human Resources
Seminar for graduating students in which participants develop a major case study of human resources issues, programs and policies in a current organization, most often their own. Draws from previous courses as issues are identified, analyzed and discussed.
Prerequisite: 30 semester credit hours of program.

HRF 8501  Master's Research Project
Prepare thesis or other major culminating scholarly project directly related to the program of study. Approved research proposal required.
Prerequisite: HRF 7161.

PYC 7422  Social and Cultural Concerns in Counseling
Study of social, cultural and gender differences, and issues related to counseling clients with various backgrounds, beliefs and concerns. Includes multicultural counseling techniques.
(Cross listed with EDC 7422)

PYC 7552  Special Topics in Counseling
Topics designed around special theories, practices or interests in the field of counseling.

PYC 7802  Psychological Testing
Examines use of standardized tests to study individuals, including test development, selection, administration, and interpretation. Includes educational and mental health applications.
(Cross listed with EDC 7803)

PYC 7822  Life Planning and Career Development
Focus on theory, research, techniques, and tools used in life planning, transitions and career development.
(Cross listed with EDC 7823)
PYC 7832   Human Growth and Development
Examination of psychological, social, intellectual, and physical influences on the development of personality and behavior patterns in children, adolescents and adults.

PYC 7852   Abnormal Psychology
Examination of major theories and systems pertaining to abnormal behavior. Studies implications for psychotherapy, treatment planning and diagnosis using DSM-IV.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 7862   Biological Bases of Abnormal Behavior
Examination of current and classic research linking biological factors to deviation of human development and behavior from what is considered to be the norm. Includes the impact of revolution in neuroscience on etiology, diagnosis and treatment of abnormal behavior. Study physiology of the central nervous system and how it triggers behaviors associated with a variety of DSM-listed disorders including depression, anxiety, addiction, and psychosis.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 7922   Counseling Theories
Examination of theories of personality development and therapeutic processes. Consideration of techniques for counseling applications and professional consultation.
(Cross listed with EDC 7923)

PYC 7932   Group Counseling and Dynamics
Theories of group counseling. Includes techniques of observation, assessment and leadership in therapeutic groups.
(Cross listed with EDC 7933)

PYC 8022   School Counseling in a Changing Environment
Examination of the role of the counselor in elementary, secondary and community college settings including counselor, advisor, educator, advocate, and consultant. Study of exemplary models of school counseling programs effective with diverse and changing populations.
(Cross listed with EDF 7403)

PYC 8032   Clinical Assessment
Development of individual diagnostic and assessment skills using a clinical/holistic approach. Includes use of MMPI-2, as well as other standardized measures of personality.
Prerequisite: PYC 7802.

PYC 8042   Family Dynamics and Shame
Examines individual and family shame: its development, reinforcement, effects, and treatment.
Prerequisite: PYC 8212 or PYC 8112.
Graduate Course Descriptions

PYC 8052  Clinical Assessment Laboratory
Covers introduction and practice of personality and other clinical measurements. Includes holistic approaches to assessment.
Corequisite: PYC 8422. 1 semester credit hour.

PYC 8082  Fundamental Theory for Treatment of Trauma, Abuse and Deprivation
Introductory course presenting an integrated view of effects on personality development of childhood trauma, abuse and deprivation. Therapeutic interventions examined.
Prerequisite: 15 semester credit hours of PYC/PYF courses.

PYC 8092  Integration of Psychology and Christianity
Exploration of ways to integrate science and ethics of psychology with social, cultural and faith contexts of the Christian mental health professional. Emphasis on historical, philosophical and theological perspectives of spiritual formation and growth.
Prerequisite: 15 semester credit hours of graduate counseling coursework.

PYC 8112  Theory and Techniques in Marriage and Family Counseling
Examination of traditional and contemporary theories of family systems and approaches to marriage and family counseling.
Prerequisite: 15 semester credit hours of PYC/PYF courses. (Cross listed with EDC 8113)

PYC 8122  Human Sexuality
Introduction to human sexual development, dysfunction and treatment.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 8132  Expressive Arts Therapies
Examines theories, techniques and applications of play, art, music, dance and other expressive therapeutic approaches.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 8142  Addictive Disorders
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 8172  Applications and Integration of Expressive Arts Therapy
Integration of counseling foundational coursework and expressive arts applications and approaches. Content from individual and group counseling, human development, multicultural awareness, abnormal behavior, assessment, and professional ethics and practice. Multi-arts expressions include, but are not limited to, art, play, music, dance/movement, drama, and writing.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.
Graduate Course Descriptions

**PYC 8192 Introduction to Art Therapy: History and Theory**
Introduces theoretical and experiential examination of the schools of art therapy and other expressive arts, presented in an historical context from early to contemporary practitioners. Includes settings in which art and other expressive therapies are utilized including case studies of typical applications.
Prerequisite: 12 semester credit hours of PYC/PYF courses.

**PYC 8212 Family Systems Theory**
In-depth study of major systems theories underlying family and relationship therapy.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework. (Cross listed with EDC 8213)

**PYC 8222 Advanced Techniques in Marriage and Family Therapy**
Experiential course covering advanced assessment and therapeutic techniques used in marriage and family therapy.
Prerequisites: PYC 8112, 8212.

**PYC 8232 Clinical Issues and Techniques in Marriage and Family Therapy**
Examination of theory and practice of techniques used to identify and treat special concerns encountered in marriage and family therapy, such as step parenting, divorce, addiction, chronic health, and loss issues within the family.
Prerequisites: PYC 8112, 8212.

**PYC 8242 Family of Origin Therapy**
Includes techniques and applications of Family of Origin Therapy with individuals, families and couples. Students examine own family dynamics.
Prerequisite: PYC 8112 or 8212.

**PYC 8252 Time-Sensitive Family Interventions**
Examination of problems encountered in managed care and other situations when number of sessions for family therapy is limited. Includes development and practice of effective interventions for such situations.
Prerequisite: PYC 8112 or 8212.

**PYC 8262 Advanced Group Counseling: A Systems Approach**
In-depth study of systems theory applications to family and other therapy groups including brief review of traditional group counseling theories. Participation in group process is a significant part of the course.
Prerequisites: PYC 7932 and PYC 8112 or 8212.

**PYC 8272 Family and Societal Gender Issues**
Examination of sex-role stereotyping and its origins and consequences within the family, culture and society. Includes counseling issues related to sex- and gender-based prejudice and discrimination.
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.
PYC 8282  Child and Adolescent Therapy
In-depth didactic and experiential examination of family system-oriented therapies with children and adolescents.
Prerequisite: PYC 8212 or 8112 (Cross listed with EDC 8283)

PYC 8292  Spiritual Growth Through Individual and Family Interventions
Study of theories and techniques to foster individual spiritual development drawing from transpersonal psychology and family systems theories.
Prerequisite: PYC 8112 or 8212.

PYC 8312  Principles, Techniques and Practice of Expressive Arts Therapy
Examines principles and techniques for clinical practice of art therapy in residential, outpatient and private practice settings. Includes potential in art for development of emotional, social, perceptual, and cognitive strengths in children and adults.

PYC 8322  Advanced Principles, Techniques and Practice in Expressive Arts Therapy
Study of advanced study of traditional and innovative approaches in Expressive Arts Therapy. Emphasis on advanced applications in individual and group treatment settings.
Prerequisites: Admission to Expressive Arts Therapy specialty, PYC 8312.

PYC 8332  Assessment Techniques in Expressive Arts Therapy
Examines tools and techniques used in diagnosis and treatment planning in Expressive Arts Therapy. Includes use of the current edition of the DSM-IV in clinical practice and interdependence and team membership between expressive arts therapists and other behavioral and mental health professionals.
Prerequisites: Admission to the Expressive Arts Therapy specialty, PYC 8312.

PYC 8342  Clinical Issues in Expressive Arts Therapy
Advanced study of Expressive Arts Therapy assessment, treatment planning, and techniques as applied to selected client disorders and issues in education and clinical practice.
Prerequisite: Admission to Expressive Arts Therapy specialty, PYC 8312.

PYC 8412  Integrated Clinical Theory: Trauma, Abuse and Deprivation
Integration of traditional theories of personality, pathology and dysfunction emphasizing a model for understanding the effects of trauma, abuse and deprivation in children and adults.
Prerequisite: Admission to Trauma, Abuse and Deprivation specialty.

PYC 8422  Clinical Assessment and Treatment TAD
Examines techniques for assessing emotional health, pathology and dysfunction and time-sensitive techniques for treatment. Includes student observation and participation.
Prerequisite: Admission to Trauma, Abuse and Deprivation specialty.
PYC 8432  Advanced Clinical Theory TAD
Continuation of PYC 8412. Examines contemporary time-sensitive clinical theory for mental health therapists. Includes applications for families and couples, sexual dysfunction and addiction, other addictive behaviors, and pathologies including violent offenders.
Prerequisite: Admission to Trauma, Abuse and Deprivation specialty.

PYC 8442  Advanced Clinical Application TAD
Focus on advanced techniques and resources for assessing and treating the effects of trauma, abuse and deprivation on children and adults. Emphasis on holistic approach to recovery and growth.
Prerequisite: Admission to Trauma, Abuse and Deprivation specialty.

PYC 8512  Graduate Research Project
Preparation of a major scholarly project designed to demonstrate ability to identify professional issue or need, formulate and conduct scientific and scholarly research approach, and analyze and apply results. May be in the form of qualitative, experimental or quasi-experimental investigation, a related research-based product or a thesis. Approved research proposal required.
Prerequisite: PYF 7162 or equivalent.

PYC 8552  Advanced Special Topics in Counseling
Advanced elective graduate topics in the field of Counseling.

PYF 7132  Counseling and the Helping Professions
Examines counseling process, instruction and practice in communication skills in counseling, history, development, and practice of counseling as a profession, and how and where counseling is provided.
(Cross listed with EDC 7133)

PYF 7162  Methods and Models of Research
Examination of models of research and application of scientific methods to investigate, analyze and develop solutions relative to current issues in the field.
(Cross listed with EDF 7153, HRF 7151)

PYF 8012  Professional and Ethical Issues in Counseling
Study of ethical, legal and professional concerns in the practice of counseling including preparation for the first practicum.
Prerequisites: At least 15 hours of coursework including PYF 7122, PYC 7922 and PYC 7932. (Cross listed with EDC 8013)

PYF 8462  Practicum in Counseling
Individually designed course (of at least 120 client contact hours) offering opportunity to practice individual and group counseling under professional supervision. Approved written proposal required.
Prerequisites: 18 semester credit hours of coursework including PYF 8012. 2 to 6 semester credit hours (See page 22).
PYF 8472  Advanced Practicum/Internship in Counseling
Advanced field experience (of at least 240 client contact hours) under professional supervision, providing the opportunity to practice and apply the principles and techniques of professional counseling in a clinical setting. An approved written proposal is required.
Prerequisite: PYC 8462 or equivalent. 2 to 6 semester credit hours (See page 22).

PYF 8482  Practicum in Counseling – Continuing
Continuation of PYF 8462 (or EDC 8463) Practicum in Counseling for students who are completing required contact hours over more than one semester/term. May be repeated for 1 semester credit hour.
Prerequisite: Permission of PYF 8462 (or EDC 8463) Group Supervisor.

PYF 8492  Advanced Practicum/Internship in Counseling – Continuing
Continuation of PYF 8472 Advanced Practicum/Internship in Counseling for students who are completing required contact hours over more than one semester/term. May be repeated for 1 semester credit hour.
Prerequisite: Permission of PYF 8472 Group Supervisor.

PYF 8502  Master’s Research Project
Prepare thesis or other major culminating scholarly project directly related to the program of study. Approved research proposal required.
Prerequisite: PYF 7161.

PYF 8512  Comprehensive Examination in Counseling
200-question, multiple-choice examination taken at the end of the Professional Counseling graduate program. Equal number of questions given to each of the following eight areas of study:
- Human Growth and Development
- Social and Cultural Foundations and Multicultural Counseling
- Helping Relationships and Counseling Theories
- Group Counseling and Dynamics
- Career and Lifestyle Development
- Appraisal and Psychological Testing
- Research and Program Evaluation
- Professional Issues, Ethics and Practice

Structure and content of examination is similar to the National Counselor Examination (NCE) used by the Arizona Board of Behavioral Health Examiners. Registration for PYF 8512 is done in person with advisor. No academic semester credit offered for examination and grading is P/NC. Examination usually offered Saturday morning. Four hours allowed for completion.

PYF 8522  Comprehensive Examination and Portfolio in Expressive Arts Therapy
A 200 question multiple-choice examination (see PYF 8512), selected essay questions on the history, theory and application of Expressive Arts Therapy, and presentation of a comprehensive portfolio demonstrating the student’s accomplishments in the skills and knowledge of the practice of Expressive Arts Therapy.
No semester credit offered.
## UNIVERSITY ADMINISTRATION

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td><strong>Dr. John E. Neal</strong></td>
<td>University President</td>
</tr>
<tr>
<td>Mary Ellen Dierker</td>
<td>Director of Foundation and Grant Support</td>
</tr>
<tr>
<td>Gaynia L. Menninger</td>
<td>Administrative Assistant to the President</td>
</tr>
<tr>
<td><strong>Dr. James C. Billick</strong></td>
<td>Vice President for Academic Affairs</td>
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