REL 33023 Liberation Theology
Liberation theology was born in the 1960s when Latin American theologians determined that the Gospel needed reexamination in light of Jesus' concern for and solidarity with the poor and marginalized. Drawing on similar concerns, feminist, womanist, black, third world, and ecotheologies have contributed much to the current theological landscape. This course will examine the beginnings, the development, and the current state of liberation theology in its various forms and explore a reading of the Biblical text that pays special attention to the oppressed and excluded.
Prerequisite: REL 21024 Christian Thought I or REL 20223 Introduction to the Gospels.

REL 33024 Religion in American Society
Enables participants to increase their knowledge of Judaism, Catholicism and Protestantism. Develop awareness of own 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 35924 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 35925 Spiritual Transformation in Film
Course explores the process of spiritual transformation and how its processes and elements are reflected in film.

REL 36523 Christianity in Pluralistic Society
Examine basic assumptions and beliefs of pluralism and Christianity. Investigate how worldviews interact, challenge, and confront one another. Study church history, modernity, post modernity, and Christianity and its liberal, evangelical and conservative components.

REL 36623 Feminists and Womenist Theologies
Introduce the formulation of theology from the perspective of women's experience. Feminist and womanist theology's contributions to the doctrine of God, atonement theories, scriptural interpretation, and spirituality are explored. Insights offered by women theologians from around the world and across religious traditions. Emphasizes equality, ecology, justice, and reading "lives as texts."

REL 40224 Christian Ethics
Survey of various approaches to Christian ethics from the standpoint of various Christian traditions. Application will be made to contemporary issues such as abortion, euthanasia, and environmental and sexual ethics.
Prerequisites: REL 10223, REL 11023, and PHIL 11023, or consent of instructor. 3 hrs.

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 42023 Internship: Religion
Practical experience in major area of study. Arranged individually and taken after completion of major coursework.

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
Introduces basic beliefs and traditions in early Christian thought. Includes history of the Hebrew nation and Old Testament.

REL 41523 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 44823 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 49023 Comprehensive in Religion
Capstone course focuses on the development of integrative projects that demonstrate achievement of learning outcomes.

SAC 41300 Introduction to Substance Abuse, Addiction, and Related Disorders
Prerequisites: PSY 12053 Principles of Psychology and acceptance to SAC major.
SAC 41305 Psychophysiology and Pharmacology of Substance Abuse and Other Addictions
Covers biopsychosocial components of addiction, such as risk factors; physiology of cravings, withdrawal, detox; physical effects of substance abuse and other patterns of addiction; dual diagnoses; psychopharmacology and treatment options.
CROSS LISTED WTH PYC 8152.
Prerequisites: Acceptance into Substance Abuse Counseling major; and SAC 41300 Introduction to Substance Abuse, Addiction and Related Disorders.

SAC 41310 Prevention, Assessment, and Treatment of Substance Abuse and Related Addictions
Covers biopsychosocial components of addiction, such as risk factors; physiology of cravings, withdrawal, detox; physical effects of substance abuse and other patterns of addiction; dual diagnoses; psychopharmacology and treatment options.
CROSS LISTED WTH PYC 8152.
Prerequisites: Acceptance into Substance Abuse Counseling major; and SAC 41300 Introduction to Substance Abuse, Addiction and Related Disorders.

SAC 41315 Multicultural Competencies for Substance Abuse
Promotes an understanding and appreciation of social, cultural and ethnic differences among individuals, groups, and families, and the impact of such differences on the theory and practice of abuse prevention and treatment. Prerequisites: Minimum of 8 hours in PSY, HUS, and/or SAC courses, including SAC 41300 Introduction to Substance Abuse or PSY 30554 Introduction to Addiction and Co-Dependency.

SAC 41320 Group Dynamics and Substance Abuse
Provides training in theory and dynamics of group leadership as applied to substance abuse prevention and treatment.
Prerequisites: Acceptance into Substance Abuse Counseling major; and SAC 41300 Introduction to Substance Abuse, Addiction and Related Disorders.

SAC 41325 Family Systems and Substance Abuse
Presents family systems perspectives on substance abuse and treatment.
Prerequisites: Acceptance into Substance Abuse Counseling major; and SAC 41300 Introduction to Substance Abuse, Addiction and Related Disorders.

SAC 41330 Legal and Ethical Issues for Substance Abuse
Study of ethical and legal standards and issues related to substance abuse counseling.
Prerequisites: Minimum of 8 hours in PSY, HUS, and/or SAC courses, including SAC 41300 Introduction to Substance Abuse or PSY 30554 Introduction to Addiction and Co-Dependency.

SAC 41400 Community Care I: Clinical Foundations
Training in models of care in community mental health/substance abuse treatment, including practice models for strength-based and collaborative approaches used in Arizona public behavioral health agencies. In addition to academic credit, students will receive state certificate of training that will be accepted toward credentialing in the Arizona public behavioral health system. Students majoring in Psychology, Human Services or Substance Abuse Counseling may find this training helpful in preparation for employment in Behavioral Health Technician positions upon completion of their bachelor's degree. This course includes overview of mental health and substance-related DSM-IV-TR disorders.
Prerequisites: PSY, HUS or SAC major who has completed a minimum of 12 hours in PSY, HUS and/or SAC courses.

SAC 41405 Community Care II: General Assessment/ Clinical Liaison
Training in models of care in community mental health/substance abuse treatment, including practice models for strength-based and collaborative approaches used in Arizona public behavioral health agencies. In addition to academic credit, students will receive state certificate of training that will be accepted toward credentialing in the Arizona public behavioral health system. Students majoring in Psychology, Human Services or Substance Abuse Counseling may find this training helpful in preparation for employment in Behavioral Health Technician positions upon completion of their bachelor's degree. This course includes protocols for evaluation and response.
Prerequisites: PSY, HUS or SAC major who has completed a minimum of 12 hours in PSY, HUS and/or SAC courses; and SAC 41400 Community Care I: Clinical Foundations.

SAC 41410 Community Care III: ADBHS Clinical Training I
Training in models of care in community mental health/substance abuse treatment, including practice models for strength-based and collaborative approaches used in Arizona public behavioral health agencies. In addition to academic credit, students will receive state certificate of training that will be accepted toward credentialing in the Arizona public behavioral health system. Students majoring in Psychology, Human Services or Substance Abuse Counseling may find this training helpful in preparation for employment in Behavioral Health Technician positions upon completion of their bachelor's degree. This course includes training on fraud and abuse, cultural competence and court-ordered treatment.
Prerequisites: PSY, HUS or SAC major who has completed a minimum of 12 hours in PSY, HUS and/or SAC courses; and SAC 41400 Community Care I: Clinical Foundations and SAC 41405 Community Care II: Assessment/ Clinical Liaison.

SAC 41415 Community Care IV: ADBHS Clinical Training II
Training in models of care in community mental health/substance abuse treatment, including practice models for strength-based and collaborative approaches used in Arizona public behavioral health agencies. In addition to academic credit, students will receive state certificate of training that will be accepted toward credentialing in the Arizona public behavioral health system. Students majoring in Psychology, Human Services or Substance Abuse Counseling may find this training helpful in preparation for employment in Behavioral Health Technician positions upon completion of their bachelor's degree. This course discusses psychopharmacology, motivational interviewing, and strength-bases approaches to care.
Prerequisites: PSY, HUS or SAC major who has completed a minimum of 12 hours in PSY, HUS and/or SAC courses; and SAC 41400 Community Care I: Clinical Foundations, and SAC 41405 Community Care II: General Assessment/ Clinical Liaison.
SAC 49000 Field Placement in Substance Abuse Counseling
Capstone course. Individual placement in a community substance abuse prevention/intervention setting. Student completes and submits final portfolio for evaluation.

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 30153 Indigenous People/Contemporary World
Illustrates the evolution of cultural practices of indigenous people as processes of adaptation with the contemporary world as they relate to the Oklahoma Ottawa.

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.

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.

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 40453 Values and Issues in Social Behavior
Examines our values in relation to social issues faced by our society, including what constitutes a social problem, causes of social problems, sociological understanding of social problems, manner of thinking used to understand social problems, meaning of particular social
problems for quality of life, and ways to resolve or lessen the severity of social problems.

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 WTH 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.

SPA 30100 Special Topics in Spanish
Students explore special topics of interest. Course may include readings from newspapers, magazines or other selected materials with an emphasis on vocabulary, structure and composition. Prerequisite: SPA 20223 Intermediate Spanish II.

THE 12221 Applied Performing Arts I
Provides skill assessment, practice and work toward a public performance. Students work with a professional to create a program, design costumes and sets, promote, and film their performance.

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 22223 Applied Performing Arts II
Provides skill assessment, practice and work toward a public performance. Students work with a professional to create a program, design costumes and sets, promote, and film their performance. Includes substantial independent group work to prepare and complete two public performances.

THE 25523 Stage Makeup
Learn fundamental techniques used in creating successful makeup application for stage, including two- and three-dimensional processes.

THE 31421 Advanced Applied Theatre
Designed for students participating in acting or backstage work, theater productions of the University. Coursework arrangements made individually with theatre director.

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 45523 Playscript Analysis
Covers tools necessary to unpack and prepare a script for production. Focus on encouraging an engagement with the text through multiple analytical frameworks, including both formalist and non-formalist approaches.

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

UNV 22312 Understanding and Appreciating 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.
GRADUATE COURSE DESCRIPTIONS

All courses are 3 semester credit hours unless otherwise indicated.

BUS 7000 Organizational Behavior and Theory
Examines human behavior as it impacts the work organization. Includes theoretical foundations of motivation, group dynamics, leadership, decision-making, satisfaction, and performance.
CROSS LISTED WITH HRC 7611.

BUS 7001 Contemporary Issues in Business Leadership
This course provides an opportunity to explore new and emerging issues in business leadership. Students will identify and read contemporary topics in journals published in the past two years.
Prerequisite: BUS 7000 Organizational Behavior and Theory or permission of Program Director.

BUS 7002 Foundations of Leadership
This course explores, analyzes, and compares key topics in developing leadership. Topics include: power, influence, values, motivation and coaching, contingency theories of leadership, leading change, and creating a culture of success.
Prerequisite: BUS 7000 Organizational Behavior and Theory or permission of Program Director.

BUS 7003 Developing Leaders and Leadership Capability
Course focuses on strategic and tactical approaches to developing comprehensive leadership, talent management, and succession planning processes for an organization. It involves defining leadership capabilities needed by a company at the individual, team, and organizational level.
Prerequisite: BUS 7000 Organizational Behavior and Theory or permission of Program Director.

BUS 7004 Leading Business to Create Value
Course focuses on how leaders create value for the organization and key stakeholders. Students will compare various "whole system" approaches to assessing organizations. Topics include strategy, values, norms of behavior, reward systems, decision-making and accountability, processes and systems, and the role the leader plays in managing and aligning those components to add value to the business. Dynamics within organizations, including those at a personal, interpersonal and organizational level, will be assessed. Various approaches a leader can use to align and focus organization, such as strategic performance management or the Balanced Scorecard, will be considered for appropriate application and expected benefits to the business.
Prerequisite: BUS 7000 Organizational Behavior and Theory or permission of Program Director.

BUS 7005 Entrepreneurship & Intrapreneurship
This course examines the entrepreneurial dimension of business, including intrapreneurship within existing organizations, components and theories of new business development, and key competencies required for entrepreneurs. Other topics include competitive challenges, financial strategies, human resource issues, and globalization concerns.

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.
CROSS LISTED WITH HRC 7411.

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.
CROSS LISTED WITH HRF 7001.

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

BUS 7451 Advertising and Promotional Strategies
Course concentrates on design and development of advertising and promotional strategies within the context of branding. The purpose is to create differentiation for organizations by trying to develop competitive advantage.
Prerequisite: BUS 7450 Strategic Marketing or permission of Program Director.

BUS 7452 E-Commerce & Internet Marketing
Course examines the explosive phenomena of the Internet and E-Commerce on the economy and industry, both domestic and international. It provides insight into managerial challenges created by this evolution in products and services.
Prerequisite: BUS 7450 Strategic Marketing or permission of Program Director.

BUS 7453 Public Relations & Publicity
Course examines policy formulation and developing corporate image and identity by strategically disseminating ideas and information to the organization's public. Planning and executing public relations and publicity programs to address the concerns of the organizations' various public are examined. Topics addressed include message design, media selection, and audience differentiation.
Prerequisite: BUS 7450 Strategic Marketing or permission of Program Director.

BUS 7454 Distribution & Supply Chain Management
Course examines integrated supply chain models synthesizing demand forecasting, supply management, production, and enterprise systems. This course also differentiates supply chain models and distinguishes key supply chain issues within various industries.
Prerequisite: BUS 7450 Strategic Marketing or permission of Program Director.

BUS 7455 Marketing Research
Course explores data-driven strategies that evolve from diagnostic analysis of the issues facing organizations striving for competitive advantage with a complex, rapidly-changing environment. The course focus includes fundamental techniques of problem identification, research design and implementation, and preparation and presentation of a final report.
Prerequisite: BUS 7450 Strategic Marketing or permission of Program Director.
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.

Prerequisite: BUS 7700 Management Information Systems or permission of Program Director.

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: BUS 7500 Management Information Systems or permission of Program Director.

BUS 7505 Operating Systems Management
Course goes beyond standard coverage in operating systems and focuses on multiprocessor, networking distributed systems, performance, and security. Students will engage in extensive, up-to-the-minute case studies on the latest operating systems.

Prerequisite: BUS 7700 Management Information Systems or permission of Program Director.

BUS 7506 Enterprise Architecture
Course focuses on the unique nature of designing an enterprise-wide information system that is responsive to the needs and demands of diverse operating departments.

Prerequisite: BUS 7700 Management Information Systems or permission of Program Director.

BUS 7563 Quantitative Analysis for Business
Examines principles of business mathematics, algebra and statistics. Methods presented for applying quantitative problem-solving techniques to fundamental issues in business such as economic breakeven points, pricing with demand elasticities, 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: BUS 7700 Management Information Systems or permission of Program Director.

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 7700 Management Information Systems or permission of Program Director.

BUS 7702 Software Engineering
Course focuses on technology, operating systems, efficiencies and industry applications of various languages, operating systems evolving environments, and operating systems hardware/software environments, including support services and data centers. Speakers or field visits to company data centers or vendor sites may be incorporated.

Prerequisite: BUS 7700 Management Information Systems or permission of Program Director.

BUS 7703 Database Systems and Data Mining
Course examines the explosive nature of data warehousing, data mining, and data management. It also incorporates Knowledge Management and leveraging data as a dynamic asset that must be managed toward profit contribution. Topics include data ethics, security, and data integrity, as well as the legal issues associated with maintaining databases.

Prerequisite: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

BUS 7704 Networking and Telecommunications
Course explores fundamental concepts of data communications, networking, distributed applications, network management, and security as it relates to the business environment and business management. Additional topics include designing and implementing computer networks.

Prerequisite: BUS 7700 Management Information Systems or permission of Program Director.

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: BUS 7700 Management Information Systems or permission of Program Director.

BUS 7801 Money and Capital Markets
Course provides a comprehensive understanding and working aptitude of the structures, tools, and functions of monetary systems, both domestic and international. Special attention will be give to the U.S. Federal Reserve System, the World Bank, the International Monetary Fund and other government agencies dealing with global capital markets.

Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

BUS 7802 Working Capital Management
Course focuses on guidelines, objectives, and methodologies involved in managing corporate short-term assets, liabilities, and working capital. Liquidity levels, cash management, credit policies, bank relationships, factoring, inventory controls, and current asset and liability management will be emphasized.

Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

BUS 7803 Security Analysis
Course provides a comprehensive comparison of security valuation techniques. Historical growth patterns and valuation models utilized in domestic and global securities markets are also examined.

Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.
BUS 7804 International Finance
Course presents advanced treatment and practice of financial theory and decision making in the international environment.
Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

BUS 7805 Financial Modeling Methodologies
Course applies financial theory to real-world scenarios. Students will utilize different modeling tools and techniques to forecast financial data.
Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

BUS 7806 Auditing
Students are introduced to guidelines, methodologies, and processes central to analyzing corporate operations and key financial functions. The ongoing applications during this course involve advanced accounting standards, industry practices, documentation, and variation against standards in a practical case study environment. Particular attention will be paid to the impacts of changing ethics, government regulations, politics, and legal environments on auditing cases.
Prerequisites: BUS 7600 Managerial Finance and BUS 7800 Management Accounting or permission of Program Director.

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 7901 International Business Law
Course focuses on the legal aspects of international trade, commercial law, private international law, and international arbitration as they affect conduct and capacity of multinational enterprises engaged in international business.
Prerequisite: BUS 7900 Social, Cultural, Legal, and Political Influences on Business or permission of Program Director.

BUS 7902 Managing in a Global Environment
Course provides requisite knowledge and skills sets for managing multinational corporations dealing with different cultures and leading a diverse global work force. Topics examined include negotiations, strategic policy making, and best practices in global management.
Prerequisite: BUS 7900 Social, Cultural, Legal, and Political Influences on Business or permission of Program Director.

BUS 7903 International Marketing
Course explores the application of advanced marketing concepts and techniques necessary in the resolution of global marketing issues. Exposure to challenges facing an international marketing manager and the development of a framework for solving marketing problems will also be examined. Particular attention will be paid to sensitizing students to special circumstances and situations encountered when marketing in various cultures.
Prerequisite: BUS 7900 Social, Cultural, Legal, and Political Influences on Business or permission of Program Director.

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.

ECC 7000 Foundations of Early Childhood
Examines the historical, philosophical and cultural roots of the Early Childhood movement and their influences on contemporary practices. Topics include the role of families in education, the teacher-parent relationship and cultural and ethnic sensitive teaching practices.

ECC 7010 Child Growth and Development
A foundation course in theory and principles of development, from conception through age eight, and may include the pre-adolescent child. Topics include an in-depth study of physical, social/Emotional, cognitive, language, and aesthetic development. Students will examine various theories, including Piaget, Erikson, Vygotsky, Skinner, and others. An exploration of development in the context of gender, family, culture, and society will be included, with an emphasis on implications for early childhood professional practice.

ECC 7020 Child Guidance & Classroom Management
The emphasis of this course is on the role of positive child guidance in preparing youth children to become competent and cooperative individuals. Developmentally appropriate methods of guiding children based on effective communication skills and problem solving will be shared along with strategies for preventing disruptive behaviors in the classroom.

ECC 7030 Child/Family Culture and Community Relations
Focuses on the child in the context of family and community. Topics include issues of communication, diversity, professionalism, social policy and will address awareness and effective use of community resources.

ECC 7040 Early Childhood Development and Math/Science Methods
Examines theories of cognitive development as a framework for conceptualizing the way young children acquire scientific and mathematical skills; concepts; and abilities. Students will research and develop appropriate individual and group scientific/mathematical activities for young children.

ECC 7050 Early Childhood Development Methods in Language, Literature, Reading, Social Studies, and Art
Students will design, implement and evaluate appropriate activities and
environments for children from birth through age six with a focus on emergent literacy supported by music, movement, art, and dramatic play. Students will learn how children develop an understanding of the language processes of listening, speaking, reading, and writing. Topics will also include vocabulary development and phonemic awareness. Practical application of various philosophies, theories, and current research in early childhood education will be emphasized.

**EDC 7060 Quality Practices Behaviors Young Children**

An overview of children with exceptional cognitive, physical, social, and emotional characteristics. Students will analyze the developmental and educational needs imposed by exceptionality. Topics include identification, intervention strategies, methods, and programs designed to meet the needs of these children, including those identified as being learning disabled. Applicable federal and state laws and requirements will also be addressed.

**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 7153 Education Law**

Examines federal and state statutes, agencies, and court decisions in education, including administrative and teacher rights, responsibilities, relationships, and liabilities.

**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.

1 semester credit hour.

**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.

1 semester credit hour.

**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.

1 semester credit hour.

**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 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 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 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 7613 Introduction to Educational Technology: Theory and Application
Provides historical overview of instructional technology, exploring different applications of technology ranging from primary grades through higher education. Reviews techniques in determining learning needs, application of technology in meeting student needs, and outcome evaluation when using technology.

EDC 7623 Foundations in Distance Learning
Focus on contemporary theoretical insights, research, and practices relating to the development and implementation of distance learning. Topics include application of current and accessible technology, wireless networking, and Internet use within a variety of academic situations and environments.

EDC 7633 Administration of the Technology Program
Examines administrative planning, management and implementation of technology-enhanced educational programs. Major emphasis on legal and ethical parameters governing the use of technology in instruction, demonstration of skills in facilitating multimedia production by students and teachers, applying design principles to multimedia, and development of evaluation methods to determine instructional effectiveness.

EDC 7643 Computer Assisted Instruction
Explores use of CAI to support traditional classroom instruction, with emphasis on principles used to determine technology supported needs of students, implementation of CAI in meeting learning needs, evaluation methods in determining CAI effectiveness, and hands-on experience in developing CAI techniques.

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 7663 Technology Integration in K-12 Schools
Explores use of technology in public and private schools from grades K-12, including use of the Internet and World Wide Web to examine instructional theory and application between students of another county, state or nation in providing more global perspectives in facilitating learning.
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 7683 Instructional Theory and Strategy in Technology Integration
Focus on development and implementation of educational technological policies that systematize the integration of technology throughout classrooms, within schools and between schools. Demonstrate ability to evaluate technologies, identify strategies for evaluation, and examine current trends in technology use to support learning, with emphasis on policy evaluation and interpretation.

EDC 7713 School and Community Relations
Examines the policies, practices and strategies in school and community relations. Topics include public information techniques and procedures.

EDC 7723 Instructional Design and Evaluation
Surveys the field of curriculum theory and organizational frameworks for current practices in curriculum development and evaluation, as well as curriculum revision and change.

EDC 7733 The Principalship
Explores the principal's role and responsibilities as related to organizational development, information systems, faculty and staff selection, orientation, supervision and evaluation, curriculum development and implementation, scheduling, budgeting, and plant/facilities use.

EDC 7743 School Finance
Covers the economics of school finance relating to theories and principles of taxation, reimbursement, financial planning, and budgeting; governmental impact, court intervention and the effects on public and non-public schools. Practical applications using local school district situations are considered when possible.

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 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 7804 Educational Testing Seminar
An overview of the tests used by the school psychologist in relation to emotional behavioral and learning disabilities of students in the elementary and high school settings.

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 7824 Life Planning and Career Development for School Counselors
Focus on tools and techniques used in life planning and career development for elementary and high school students.

EDC 7833 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. CROSS LISTED WITH PYC 7832.

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 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 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 8014 Professional and Ethical Issues in School Counseling
Study of the ethical, legal and professional concerns of school guidance counselors and preparation for the school guidance practicum.

EDC 8073 Clinical Supervision/Assessment
Topics include principles of supervision, supervision theory, models, techniques of supervision, philosophical conflicts, teacher evaluation schemes, and research on supervision.

EDC 8083 Fund/Thry Trauma, Abuse and Deprivation
Introduces integrated view of the effects on personality development of childhood trauma, abuse and deprivation. Examines therapeutic interventions.

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 PSC 8112.

EDC 8143 Introduction to Substance Abuse, Addiction and Related Disorders
Course focuses on theory and research. Biopsychosocial risk factors for addiction/compulsive disorders such as disease concept, dual diagnosis, social/cultural factors, and developmental issues are studied. Biological/genetic models and processes of addiction are studied such as addictive behavior and depression, anxiety, ADHD, gender and age.
CROSS LISTED WITH PSY 41355.

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 8273 Family and Societal Gender Issues
Examines 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.
Prerequisites: Completion of 21 hours of coursework including PYC 7422 and PYF 8012.

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 8284 Child and Adolescent Development
In depth examination of child and adolescent development in relation to family systems for school guidance counselors.

EDC 8303 Found Special Education Cross-Categorical
Provides beginning graduate students with a knowledge of issues surrounding the fields of special education. Issues include legal, principles and concepts of assessment; principles of teaching and counseling. Students examine and develop their personal philosophies regarding assessment of, services to and intervention with individuals with exceptionalities which include mild/moderate mental retardation, learning/emotional and physical disability and other health impairment.

EDC 8312 Observation and Participation in Special Education Programs
Practical experiences with individuals having special needs with focus on psychological, educational, and service-related implications and practices.

EDC 8313 Introduction to Behavioral Disabilities and Emotional Learning
Issues in the education of students with mild-moderate mental retardation, learning disabilities, emotional or behavioral disorders, attention deficit disorders and physical disabilities. Topics include history, definitions, current issues, characteristics, theories, and educational programming.

EDC 8322 Teaching Bilingual Exceptional Learners
Instructional interventions and program development for exceptional students from culturally and linguistically diverse backgrounds. Emphasis on current intervention methods and practices.

EDC 8323 Survey of Special Education
Introduction to historical, legal, pedagogical, and social issues underlying services in special education and rehabilitation. Provides an overview of the characteristics of persons with exceptionalities and disabilities as well as the services available.

EDC 8332 Teaching Children with Emotional and Behavioral Disabilities
Assessment techniques, academic and behavioral intervention strategies, and classroom management with emotionally or behaviorally disordered children and youth.

EDC 8333 Methods/Strategies for Teaching Students with Disabilities
Remediation of academic areas and cognitive processes involving perception, integration and expression with emphasis on strategies for planning and implementing instructional programs.
EDC 8342 Cultural and Linguistic Division of the Exceptional Learner
Provides a theoretical base and practical approach to the study of special needs of students with language and cultural differences; basic premises of bilingual special education and the interface of the two fields.

EDC 8343 Special Services in Schools
Information to aid teachers in dealing with responsibilities and concerns in school settings with regard to P.L. 94-142, Education for all Handicapped Children Action Section 504 of the Rehabilitation Act, Family Education Rights and Privacy Act, and other legal issues. Integration of methods of inclusion/assistive technology/working with paraprofessional.

EDC 8353 Assess and Diagnosis Mild Disabilities
Methods of assessing and developing age-appropriate, functional and inclusive programming, collaborative, community-based instruction, and integrative source delivery for students who have mild/moderate mental retardation, learning/emotional and physical disability and other health impairment.

EDC 8363 Behavioral Principles and Disabilities
Use of behavioral principles to positively support individuals with disabilities, especially those with mild/moderate mental retardation, learning/emotional and physical disability and other health impairment.

EDC 8373 Best Practices for Educating Students with Disabilities
The practical application of theoretical learning within a group setting and involving an exchange of ideas and practical methods, skills, and principles.

EDC 8383 Special Education Practicum
Specialized work on an individual basis, consisting of student teaching and practice in actual service in a department, program, or discipline. Teaching formats must include teaching students with mild/moderate mental retardation, learning/emotional and physical disability and other health impairment.

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 8454 Wellness Counseling: Risk Factors, Prevention and Modification
Course examines health promotion models, preventive management techniques, and models and techniques for behavior change. Comprehensive inquiry focusing on psychological processes, and individual behaviors and lifestyles which affect a person's physical, emotional and social health. Topics include stress and illness, personality and disease, high-risk populations and behaviors, and gender and cultural issues. Dual listed with PYC 8452.

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 course work, including EDC 8013.

EDC 8503 Teaching and Learning Mathematics
Course helps teachers improve student learning in mathematics through systematic analysis and reflection on cycles of teaching and learning. Focus is on matching curriculum, instructional design, desired learning outcomes, content, diverse learners, instructional resources, and assessment measures in the context of mathematical reasoning and problem solving.

EDC 8513 Teaching and Learning Science
Course helps teachers with improve student learning in science through systematic analysis and reflection on cycles of teaching and learning. Focus is on matching curriculum, instructional design, desired learning outcomes, content, diverse learners, instructional resources, and assessment measures in the context of scientific methods and ways of knowing.

EDC 8523 Teaching and Learning Social Studies
Course helps teachers improve student learning in social studies through systematic analysis and reflection on cycles of teaching and learning. Focus is on matching curriculum, instructional design, desired learning outcomes, content, diverse learners, instructional resources, and assessment measures in the context of developing global understanding.

EDC 8533 Designing and Evaluating Reading Programs
A study and evaluation of curriculum and programs in reading and the planning of a total school reading program. Students visit and evaluate exemplary school reading programs. Special emphasis will be given to the leadership functions of reading teachers in diverse roles in terms of improving reading instruction and involving student's families in literacy development.

EDC 8543 Teaching and Learning Language Arts
Course helps teachers construct a conceptual framework based on knowledge about the cognitive, social, biological, emotional, and cultural basis of language and to learn how to use that framework to individualize curriculum instruction, and assessment in reading, writing, speaking, listening, and content areas through children's literature, such as expressive/transactional/poetic, written discourse, and the creative arts.

EDC 8553 Methods of Secondary Teaching
Emphasizes building knowledge of theory and research, curriculum planning and delivery of instruction for the secondary teacher.

EDC 8563 Student Teaching
Each MAED student will complete twelve (12) weeks of student teaching. During student teaching, the student teacher will design an action research project aligned with an educational issue.

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 7161.*

EDF 7163 Research: Assessment and Evaluation
Develop conceptual and analytical skills and knowledge to assess organizational needs and program effectiveness through the use of research methodologies.
*CROSS LISTED WITH HRF 7161.*

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.

EDU 56407 Structured English Immersion II for ELL
Course teaches structured English immersion foundation, strategies and techniques for all educators. Learn to identify strategies, assessment and proficiency standards that enable English language learners to access grade-level curriculum while developing language skills. Can be used across all content areas and grade-level curricula.

EDU 66506 Advanced Structured English Immersion III for ELL
Review legal, historical and educational foundations for English Language Learners as required by Arizona State Standards and National Standards. Participants will demonstrate a synthesis of the following: ELL proficiency standards, Arizona State rubrics, assessment methods, SEI strategies to develop curriculum for the classroom. Applies to SEI Endorsement.

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 7411 Human Resource Planning and Administration
Integration of human resources planning with strategic business planning, issues of structure, staffing, effectiveness, performance and assessment.
*CROSS LISTED WITH BUS 7100.*

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 7462 Employee Benefits: Design and Administration
Provides in-depth study in employee benefits planning and management, with focus on development, implementation, and management of employee benefits as a strategic component in a comprehensive human resources program. Topics include defining employee benefits, factors influencing benefits, historical and legal framework governing benefits, analysis and assessment of specific benefit programs, competitive issues, and communication and administration.

HRC 7510 Professional Communication Styles, Tools and Techniques
Study of how organizations use a variety of communication tools to improve productivity and performance. Explore personal communication style and how to identify style of others. Other topics include facilitation, negotiation, and presentation skills.

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 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 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 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 7681 Project Management
Examines project management principles, methods and tools for planning, organizing and controlling non-routine activities. Development of skills needed to plan and execute projects to meet schedule, budget and performance objectives.

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 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 7822 Life Planning and Career Development
Focuses on theory, research, techniques and tools used in life planning, transitions and career development.

CROSS LISTED WITH EDUC 7822, PYC 7822.

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 8000 Advanced Leadership Theory and Practice
Theory and practice related to organizational leadership. Topics include organizational systems thinking, living systems theory, leadership capacity development, and other advanced leadership theories. Application of theory to a variety of workplace settings.
CROSS LISTED WITH BUS 8000.

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.

HRC 8552 Advanced Special Topics: SHRM Certification Preparation

HRC 7001 Value Systems and Professional Ethics
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.
CROSS LISTED WITH BUS 7200.

HRC 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.

HRC 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.
CROSS LISTED WITH EDF 7163

HRC 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.

HRC 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: Completion of minimum of 30 graduate program credits.

HRC 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: HRC 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 7423 Practice Based Evidence
A review of Evidence Based Treatment approaches in behavioral health. The course will cover the current trend in counseling practice to require Evidence Based Treatments. Research in counseling outcomes over the past 40 years will be reviewed. Practice Based Evidence as used in the Client Directed and Arizona Public Behavioral Health Clinical Practice Models will be presented as perhaps the strongest Evidence Based Approach.

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 8040 Advanced Psychodiagnostic and Treatment Plan
Covers multi-axial system, DSM-IV/DSM-IV-TR diagnostic categories, differential diagnosis, and treatment planning in preparation for Clinical Internship. Emphasis placed on clinical interview and other initial assessment techniques, and skills critical to selecting and evaluating treatment options.

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

PYC 8062 Pre-Practicum in Counseling Skills
Explores adult learning pedagogy, service-learning, and role-playing experiences to bridge the theory/practice gap in the preparation of students for practicum/internship/professional practice.

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 Intro to Substance Abuse, Addiction and Related Disorders
Prerequisite: Minimum of 15 semester credit hours of graduate counseling coursework.

PYC 8143 Current Trends in Addictions and Related Disorders
Reviews concepts in substance abuse assessment, intervention and diagnosis, including theoretical models for understanding and treating chemically dependent and addicted disordered clients, various screening and assessment tools, multicultural and population-specific needs, and treatment settings and interventions.

PYC 8152 Psychophysiology and Pharmacology of Substance Abuse and Related Addictions
Covers genetic/biophysical components such as risk factors, effects of substance abuse, starvation/binge purging, and excessive exercise; physiology of cravings, withdrawal, detox, and nutrition; dual diagnoses-possible psycho-physiological common factors; and psychopharmacology of treatment options, including psychotropics and nutrition therapy.
CROSS LISTED WITH PSY 41356.

PYC 8162 Prevention, Assessment and Treatment of Substance Abuse and Related Addictions
Explores a multidisciplinary/multidimensional discussion, with emphasis on "best practices" and care for select populations, on risk factors, outreach services, pretreatment, community education, referral networks and prevention activities in schools, the workplace, community groups, and health care delivery organizations.
CROSS LISTED WITH PSY 41357.
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.

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 8202 Legal and Ethical Issues in Marriage and Family Therapy
Course provides knowledge and understanding of the ethical principles, laws, and regulations relating to the practice of marriage, family and child therapy.

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 8352 Expressive Arts Therapy Thesis/Portfolio
Capstone course covering development of professional portfolio
demonstrating both a process of assessment and evaluation and creation of a product from experience as evidence of competency as a reflective practitioner. Portfolio integrates and utilizes concepts, theories, trainings and specialization gained in previous Expressive Arts Therapy courses as well as within the Practica and Internships.

Prerequisite: Completion of all core courses in the Expressive Arts Therapy program.

PYC 8362 Counseling Adults I: Early to Middle Adulthood
Examines strategies for understanding, assessing, and counseling adults in young to middle adulthood, with attention to social, emotional and physical stressors specific to these adult life cycle stages and the transition between stages. Emphasis placed on the individual within a systems context (family, organization, community, culture, etc.).

PYC 8372 Counseling Adults II: Late Adulthood
Examines strategies for understanding, assessing and counseling adults in late adulthood, with emphasis on social, emotional and physical stressors specific to this adult developmental stage and related transitions, as well as on understanding the individual within a systems context.

PYC 8382 Brief Therapies
Covers clinical processes of select brief therapies (e.g., assessment, treatment planning and techniques); the application of specific brief therapies (e.g., Cognitive-Behavioral, Solution-Focused, Redecision Therapy, Narrative, Hypnosis and Strategic Therapy); and implications for the measurement of success while using brief intermediate therapy throughout the life cycle.

Prerequisites: MAPC student with a minimum of 20 hours completed in graduate counseling/psychology coursework.

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 8452 Wellness Counseling: Risk Factors, Prevention and Modification
Examines health promotion models, preventive management techniques, and models and techniques for behavior change, with focus on psychological processes and individual behaviors and lifestyles that affect a person's physical, emotional and social health. Covers stress and illness, personality and disease, high-risk populations and behaviors, and gender and cultural issues.

PYC 8462 Employee Assistance and Counseling
Exploration of issues, policies and practices related to employee assistance programs in business, education, health care, and other settings, with consideration of counseling theories and relevant counseling techniques for employee assistance programs.

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

PYC 8553 Therapeutic Communication
An examination of the communication process as the central agent in counseling psychology and mental healing; application of communication theories, processes, strategies and techniques to normal and pathological communicative behavior.

PYC 8554 Counseling Applications of EEG Biofeedback Technology
Investigation of current applications of EEG biofeedback technology to selected non-psychotic physical, intellectual and emotional disorders.

PYC 8555 Design Project/Grant/Program Proposal
Review of procedures for program development and evaluation, preparation of a proposal and evaluation plan, and initial development of tools for a project.

PYF 7001 Graduate Counseling Seminar in Clinical Foundations
Provides an overview addressing necessary foundations in the content areas of abnormal psychology, developmental psychology and theories of personality. Introduction to APA style and format.

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 7160 Methods and Models of Research: Marriage and Family Therapy
Examination of models of research and application of scientific methods to investigate, analyze and develop solutions relative to current issues in the field of Marriage and Family Counseling.

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 8400 Practicum in Counseling I
Students enrolled in practicum meet weekly in a practicum seminar led by a faculty member. This experience provides an opportunity for the student to perform the activities of a regularly scheduled employee in a professional clinical setting and complete contact hours required for licensure.

PYF 8410 Practicum in Counseling II
Students enrolled in practicum meet weekly in a practicum seminar led by a faculty member. This experience provides an opportunity for the student to perform the activities of a regularly scheduled employee in a professional clinical setting and complete contact hours required for licensure. Prerequisite: Completion of PYF 8400.

PYF 8500 Internship in Counseling I
Students enrolled in Internship meet weekly in a practicum seminar led by a faculty member. This experience provides an opportunity for the student to perform the activities of a regularly scheduled employee in a professional clinical setting and complete contact hours required for licensure.

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 8510 Internship in Counseling II
Students enrolled in Internship meet weekly in a practicum seminar led by faculty member. This experience provides an opportunity for the student to perform the activities of a regularly scheduled employee in a professional clinical setting and complete contact hours required for licensure. Prerequisite: Completion of PYF 8500.

PYF 8512 MA Comprehensive Examination
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 8520 Internship in Counseling III
Students enrolled in Internship meet weekly in a practicum seminar led by a faculty member. This experience provides an opportunity for the student to perform the activities of a regularly scheduled employee in a professional clinical setting and complete contact hours required for licensure. Prerequisite: Completion of PYF 8510.

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.
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