

**POLS 582 PLANNING AND NONPROFIT AGENCIES (2)**

This course addresses techniques of strategic and operational planning appropriate to nonprofit agency operation. Topics include needs and service assessment, marketing analysis, program evaluation, organization development and strategic management techniques.

**POLS 583 RESOURCE DEVELOPMENT FOR NON-PROFIT AGENCIES (4)**

Course focus is on the techniques and importance of developing and implementing a comprehensive organizational resource development plan for funding, volunteers and donations, as well as ensuring a diversified agency revenue base. In addition, the course covers fund-raising, major donor development, as well as the legal restrictions for nonprofit agencies and the funding criteria used by corporate, community and private foundation funding sources.

**POLS 585 MARKETING AND PUBLIC RELATIONS FOR NONPROFIT AGENCIES (2)**

An examination of the role of marketing and public relations for nonprofit agencies, together with techniques for designing and implementing realistic marketing and public relations programs. Course will stress adaptation of marketing techniques to not-for-profit organizations, and will explore the types of access to press, electronic and other media available to nonprofits. Course restricted to Political Science Graduates only.

**POLS 587 GRANT WRITING AND ADMINISTRATION (2)**

Focus upon full process of prospect research, proposal development, application, and contract management and administration of foundation, government, and corporate grants.

**POLS 588 ISSUES IN NONPROFIT ADMINISTRATION (4)**

An investigation of current issues and developments in the operation of nonprofit agencies.

**POLS 595 SPECIAL STUDIES IN POLITICAL SCIENCE (1-4)**

A student may be invited by a faculty member to participate in a continuing research project under the faculty member's direction. The research may extend for more than a single semester. May be repeated for credit.

**POLS 596 GRADUATE TUTORIAL - EXAM (4)**

An independent, intensive review of the literature in specific areas of concentration, in Public Administration to include the MPA Core and Track course materials. Prerequisite materials to be included in this review. Prerequisite: completion of all master's degree requirements.

**POLS 597 GRADUATE INTERNSHIP (1-4)**

Intensive field experience in a public or private agency. The student must define a current political problem and a discipline-related strategy for dealing with the problem, and work toward implementing the strategy. Cr/NC only.

**POLS 599 MASTER'S THESIS (2-4)**

Prerequisite: submission of an authorized Advancement to Candidacy form.

**Psychology (PSY)**

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**PSY 201 HUMAN POTENTIAL (3-4)**

Concepts and skills useful for increasing self-understanding and interpersonal effectiveness.

**PSY 250 INTRODUCTION TO PSYCHOLOGY (3)**

Theories, research and applications that constitute psychology. An important goal is to help students become informed consumers of psychological knowledge. Prerequisite to upper division courses in the major for students who enter Sonoma State University as first-time freshmen and students who transfer into psychology from other majors at Sonoma State. Satisfies GE, category D1 (Individual and Society).

**PSY 260 SEXUAL IDENTITIES (3)**

Explores lesbian, gay, bisexual and transgendered identities across the lifespan. Topics include the complexities of sexual identity, the coming out process, relational development, and LGBT communities.

**PSY 290 SPECIAL TOPICS (1-4)**

One or more psychological topics are selected for study in depth. Consult the schedule of classes for topics to be studied and current unit offering. May be repeated for credit.

**PSY 299 STUDENT INSTRUCTED COURSE (1-3)**

Each Student-instructed Course is designed by an advanced student under the guidance of a faculty sponsor. Each course proposal is carefully reviewed by the department Executive Committee before approval is granted. Consult the Schedule of Classes for the topic studied. Only two SICs may be credited toward the psychology major. Cr/NC only.

**PSY 302 LIFE SPAN DEVELOPMENT (3)**

A multidisciplinary examination of the social, cultural, emotional, and physical development of the human being. Shows how research and theories relate to and assist individuals in their own self-development. Satisfies upper-division GE, category E (The Integrated Person).

**PSY 303 THE PERSON IN SOCIETY (3)**

How humans behave, think and feel in interpersonal relationships, families, workplaces, communities and natural environments. How each of these social contexts affects the way people behave in the others. Interrelationships with larger political and economic variables are explored, drawing from other disciplines that offer relevant insights and knowledge. Satisfies GE, category D1 (Individual and Society).

**PSY 304 SIBLING RELATIONSHIPS (4)**

An exploration of the role of siblings in personal and family development, with a focus on sibling relationships in adulthood and later life. An emphasis will be placed on the psycho-social context of the sibling relationship in addition to theories of the psychology of the individual. Crosslisted with GERN 304.

**PSY 306 HISTORY OF MODERN PSYCHOLOGY (4)**

Part I of a year-long course that presents perspectives on the field of psychology. Includes past and present understandings of human experience, integrating issues and controversies. The first semester includes epistemology, traditional scientific and clinical methodologies, and behavioral, psychoanalytic, and Gestalt psychologies. Prerequisites: PSY 250, ENGL 101, PHIL 101, admission to the psychology major or consent of instructor, and sophomore standing.

**PSY 307 HUMANISTIC, EXISTENTIAL AND TRANSPERSONAL PSYCHOLOGY (4)**

Part II of this series continues with theories, methods, and research in humanistic, existential, and transpersonal psychology. Prerequisite: PSY 306 or consent of instructor.

**PSY 311 PSYCHOLOGY DIALOGUE SERIES (1-2)**

A lecture series that explores careers and topics of interest to psychologists. Practitioners in diverse fields of psychology are invited to speak on the nature of their work, current social and political trends in psychological practice, and their view of the future of psychology. Cr/NC only.

**PSY 312 ADULT DEVELOPMENT LECTURE SERIES (2)**

Lectures and presentations on thematic issues in the field of adult development and aging. Speakers are drawn from local community programs, Bay Area research organizations, and academic disciplines. May be repeated for credit. Crosslisted with GERN 312.

**PSY 313 CAREERS IN PSYCHOLOGY (2-4)**

Offers students an opportunity to explore and discover their values, skills, interests, lifestyle preferences, and the undertaking of the personal strategies necessary to formulate career paths and alternatives.

**PSY 322 MYTH, DREAM AND SYMBOL (3-4)**

Exploration of the creative unconscious in individual growth. Myths, dreams and symbols are explored from the standpoint of theory, symbolic work, art process, guided meditation, and group process. Approaches vary by instructor and may draw from texts by Jung, Campbell, Johnson, Hillman, Edinger, Singer and others. Prerequisite: junior standing.

**PSY 324 LEARNING MOMENTS (1)**

A series of presentations from individuals from all areas of the university, focused on their own personal moments of significant learning. May be repeated once for credit. Cr/NC only.

**PSY 326 SOCIAL PSYCHOLOGY (4)**

Introduces relationships between self and society, including the formation and change of attitudes and values, interaction and interpersonal dynamics, and the cultural influences on them. Topics include: symbolic interactionism, personal and social identities, motivation, prejudice and the consequences of ethnicity, class, and gender. Crosslisted with SOCI 326. Satisfies GE D1 (Individual and Society).

**PSY 326 SOCIAL PSYCHOLOGY (4)**

Introduces relationships between self and society, including the formation and change of attitudes and values, interaction and interpersonal dynamics, and the cultural influences on them. Topics include: symbolic interactionism, personal and social identities, motivation, prejudice and the consequences of ethnicity, class, and gender. Crosslisted with SOCI 326. Satisfies GE D1 (Individual and Society).

**PSY 327 PSYCHOLOGY OF ORGANIZATIONS (4)**

Applies social science methods and principles to organizational behavior. Topics include: teams in organizations, motivation, individual differences, attitudes and emotions relevant to work, stress and well-being, fairness and diversity within organizations, leadership and organizational change. The goal of organizational psychology is to maximize both employee well-being and organizational effectiveness. Prerequisite: PSY 250, PSY 380 or permission from the instructor.

**PSY 328 CROSS-CULTURAL PSYCHOLOGY (4)**

Didactic and experiential in nature, this course introduces students to the field of multicultural psychology as it pertains to concepts, issues, professional practice, and research. The focus is on self-exploration and understanding one's worldview regarding race, ethnicity, culture, gender, sexual orientation, age, and disability. Students reflect on the psychological and social implications of prejudice, racism, oppression, and discrimination on identity development, and social justice issues in a multicultural society like the United States.

**PSY 329 GROUP PROCESS (3-4)**

The use of the small group as a basis for understanding the individual, the individual's relationship to others, and the individual in group behavior. This class is normally conducted as an encounter group, with supplementary readings and written work. Prerequisites: Admission to the Psychology major and junior standing. Cr/NC only.

**PSY 330 STEREOTYPING AND PREJUDICE (4)**

Review of Social psychological theory and research examining stereotyping, prejudice, bias, discrimination and status.

**PSY 335 MEMOIR AND AUTOBIOGRAPHY (3-4)**

Storytelling and the storied nature of human experience, in research, counseling, therapy, and history. Uses methodology from psychology, literature, and other branches of the social sciences and humanities. Includes biography and autobiography, interview, and students' own oral and written narratives.

**PSY 338 PSYCHOLOGY OF CREATIVITY (4)**

The study of creative people, processes, and environments. Current and historical theory and research on creativity in personal and professional situations, humanities, science, business, education, and everyday life. Emphasis on individual and group projects. Service-learning course.

**PSY 342 THE PSYCHOLOGY OF MEDITATION (4)**

An exploration of meditative practice as a means of developing awareness, self-growth and psychological insight. Basic instruction in various meditation techniques, actual meditation practice, readings and discussions of the psychodynamics of meditation. Cr/NC only.

**PSY 352 PSYCHOLOGY OF YOGA (3-4)**

Unification of mind and body through the practice of Yoga. An introduction to the literature and practice of Yoga. The course normally includes separate lecture and practice sessions. May be repeated once for credit.

**PSY 358 HEALTH PSYCHOLOGY (3-4)**

Focuses on the relationship between the body and the mind in physical health, psychological well being, and personal growth. Students learn to: (1) critically evaluate empirical research reports and popular claims about mind-body practices; (2) develop an individualized long-term mind-body practice that can be used to promote health, well-being, and personal growth; and (3) apply psychological principles and strategies for helping others adopt and maintain health and wellness promoting mind-body practices. Prerequisites: Admission to the Psychology major and junior standing.

**PSY 360 PEAK PERFORMANCE PSYCHOLOGY (4)**

Focuses on the mental training techniques used by the most successful women and men around the world to enhance performance at work, in sport, and in life. This highly practical course will teach you how to create the optimal mental state necessary for success and happiness in almost any endeavor. Students learn how to increase concentration, overcome fatigue, create positive emotions, build confidence, and effectively master the mental, emotional, and physical challenges of school, work, sport, and life. This course is for students who wish to learn how to perform at their full potential with poise, calm, and grace. Includes readings, lectures, discussions, presenting to peers, participation in a mental skills training program, and practicing the mind-body arts of Tai Chi and Qigong. Prerequisites: Admission to the Psychology major and junior standing.

**PSY 362 HUMAN SEXUALITY (4)**

Covers the biological, social, developmental (across the life span), behavioral, and cultural dimensions of human sexuality. Examples of issues that will be addressed in the class include: intimacy, sexual expression, gender identity, sexual education, sex and the media, and sexual practices across cultures.

**PSY 380 PSYCHOLOGICAL RESEARCH METHODS (4)**

Introduction to the variety of ways psychologists collect research evidence. Students will be asked to try different research methods - conduct interviews, observe behaviors, write an attitude scale and design an experiment. Upon completing this course, students should be able to understand and critically evaluate major research methods in psychology and the social sciences. Prerequisite: PSY 250 and admission to the psychology major.

**PSY 398 STUDENT-INSTRUCTED COURSE (1-3)**

Each student-instructed course is designed by an advanced student under the guidance of a faculty sponsor. Each course proposal is carefully reviewed by the department executive committee before approval is granted. Consult the Schedule of Classes for the topic studied. Only two SICs may be credited toward the psychology major. Cr/NC only.

**PSY 399 GRADUATE STUDENT-INSTRUCTED COURSE (1-3)**

Each graduate student-instructed course is designed by an advanced student under the guidance of a faculty sponsor. Each course proposal is carefully reviewed by the department Executive Committee before approval is granted. Consult the Schedule of Classes for the topic studied. Only two SICs may be credited toward the psychology major.

**PSY 404 PSYCHOLOGY OF WOMEN (3-4)**

Examines women's development and women's place in the world from a psychological perspective. Material is drawn from contemporary research and thinking, longitudinal studies, case studies, personal narratives, and story. Prerequisite: junior standing. Crosslisted with WGS 330.

**PSY 405 THE PSYCHOLOGY OF GENDER (4)**

Explores gender through a social psychological perspective. Topics include gender socialization, the structure and junction of gender stereotypes, masculinity, and gender discrimination.

**PSY 408 TRANSITIONS IN ADULT DEVELOPMENT (4)**

This course explores how women and men experience and shape the transitions that occur as they mature socially and psychologically. Inquiry includes normative life cycle transitions as well as unexpected, unusual or "off-time" transitions and develops understandings of how these transitions shape the development of an individual through adulthood and later life. Crosslisted as GERN 408. Prerequisite: junior standing.

**PSY 409 SOCIAL AND EMOTIONAL DEVELOPMENT (4)**

This course presents an overview of social-emotional development across the life span. Theory and research will be assessed based on different theoretical models and approaches, including cross-cultural perspectives. Topics included are attachment, moral and personality development, social cognition, gender roles, identity, aggression, achievement and emotions. Prerequisite: PSY 250, PSY 302 or PSY 410.

**PSY 410 CHILD DEVELOPMENT (3-4)**

This course introduces students to the social-emotional, cognitive, language, biological, and physical development of children and adolescents. Students learn major developmental theories and current research as applied to relevant issues in today's society. The role that parents, teachers, communities, and cultures play in the healthy growth and development of children is emphasized. Prerequisites: PSY 250 and junior standing, or consent of instructor.

**PSY 411 BEHAVIORAL AND EMOTIONAL PROBLEMS OF CHILDREN (3-4)**

Study and observation of children with problems, and examination of the environments in which those problems occur. Major diagnostic categories for behavioral and emotional problems of childhood are covered. Prerequisite: junior standing.

**PSY 412 ADOLESCENT PSYCHOLOGY (3-4)**

An examination of the social, cognitive and biological theories in adolescent development. Material is drawn from research and personal interaction with adolescents. Prerequisite: junior standing.

**PSY 418 THE PSYCHOLOGY OF FAMILY (3-4)**

A study of the family as a social-psychological group. Considers family of origin, present families and relationships, and parenting. Prerequisite: junior standing.

**PSY 421 PSYCHOLOGY OF AGING (4)**

Analysis of psychological development as a life-long process, and examination of patterns of adult learning and ways to facilitate it. Exploration of the role of memory for learning and psychological functioning. Includes the study of issues in mental health in adulthood and later life. Crosslisted as GERN 421. Prerequisite: Open to Human Development and Psychology majors and Gerontology minors only.

**PSY 422 SEMINAR IN LIVING AND DYING (3-4)**

This course explores personal values and attitudes about life and death and seeks to understand them in relation to our own psychology and to the larger social context. Topics of separation and loss, loss from homicide, near-death experiences, mythology, and immortality will be addressed. Crosslisted as GERN 422.

**PSY 423 COMMUNITY PSYCHOLOGY (3-4)**

The study of community structure and processes in relation to human needs. Includes organizing community action, the role of the individual in social change, theories and strategies of organizing, building alliances, and affecting legislation and policy.

**PSY 425 ABNORMAL PSYCHOLOGY (4)**

The study of the wide spectrum of mental disorders found in the DSM with applications for community mental health, psychotherapy and other helping professions. Prerequisites: PSY 306 and junior standing, or consent of instructor.

**PSY 428 INTRODUCTION TO COUNSELING (4)**

An examination of the counseling process. Various approaches are considered and methods for the development of component skills presented. Prerequisites: PSY 306 and junior standing. Some sections require admission to the major and consent of instructor.

**PSY 429 GESTALT PROCESS (4)**

An experiential-didactic approach to the Gestalt process as developed by Fritz Perls and his associates. Useful both for developing counseling and therapeutic skills and perspectives and for personal growth. May be repeated once for credit.

**PSY 430 DEPTH ORIENTED PSYCHOTHERAPY (4)**

This advanced seminar focuses on several modalities used to access the psyche in depth oriented therapies. Dora and Martin Kalf and Sandplay, Jung's Individuation and use of Mandalas and DW Winnicott and his work with relational space will be the focus of this experiential learning forum.

**PSY 431 INTRODUCTION TO ART THERAPY (3-4)**

An overview of the field of art therapy, its varied schools of thought, and different possibilities of application—from public school settings to mental hospitals. Information on graduate and professional training in the field. Prerequisite: junior standing.

**PSY 432 GROUP WORK WITH OLDER ADULTS (4)**

This service-learning course introduces students to the fundamentals of group work with older adults. The class provides an overview of the phases of group development and basic skills and techniques for facilitating effective groups. Theoretical perspectives from sociology and psychology are used to examine how groups function, the value they have for older adults, and common themes in groups for older adults. To enhance learning, students go to senior sites in the community to co-facilitate weekly intergenerational dialogue groups. Crosslisted with GERN 432 and SOCI 432. Prerequisite: Admission to the major and junior standing.

**PSY 438 PSYCHOLOGICAL ASPECTS OF DISABILITY (3-4)**

This course is designed to give participants a better understanding of people with disabilities and an awareness of how society regards them. The disabilities addressed range from traumatic physical injuries through progressive diseases and conditions to mental retardation, alcoholism and emotional disabilities. The class is appropriate for anyone interested in disability, whether for personal or professional reasons. Crosslisted with GERN 438.

**PSY 440 COMMUNITY-BASED RESEARCH (4)**

This seminar presents an overview of fundamental concepts, issues, and methods in community based research and applied developmental psychology. Students will design, implement, analyze data, and write the report of research projects following APA format. Research projects should meet ethical and professional standards so they can be submitted to appropriate conferences. Students will also become critical consumers of research with human participants, especially as it refers to underrepresented groups in this country. Prerequisite: MATH 165, PSY 380, or consent of instructor.

**PSY 441 QUALITATIVE RESEARCH (4)**

Introduces the principles and techniques of qualitative research that are relevant for designing and carrying out psychological research. Topics include phenomenology, action research, grounded theory and discourse analysis. As a class, we will design and conduct a qualitative research project. Prerequisite: PSY 380 or permission of instructor.

**PSY 444 SOCIAL JUSTICE AND INTERGROUP RELATIONS (4)**

Review of psychological research and theory about social justice and intergroup relations. Topics include the ways in which people define fairness and how these definitions shape personal and business relationships, environmental resource allocation, criminal justice practice and international relations. Prerequisite: PSY 250, PSY 380 or permission from the instructor.

**PSY 445 ADVANCED RESEARCH DESIGN AND ANALYSIS (4)**

Locate and use relevant research and theory to plan, conduct, and interpret the results of a collaboratively designed study. Topics include research ethics, experimental design, survey design and tensions between applied and basic research. Upon completing the course, students should be able to use and evaluate the basic research designs most often employed by psychologists. Prerequisite: PSY 380 or consent of the instructor. Corequisite: PSY 445L.

**PSY 445L ADVANCED RESEARCH LABORATORY (2)**

Compliments PSY 445 by introducing and reviewing the statistical techniques used by psychologists to analyze quantitative data. Students use what they learn in the class to analyze the data they collect as part of their collaborative research project for PSY 445. Prerequisite: PSY 380 or consent of the instructor. Corequisite: PSY 445.

**PSY 447 LEARNING AND BEHAVIOR (3-4)**

A study of the learning process including major theories of learning and cognition and their application to problem solving behavior. Includes types of conditioning, stimulus controls and reinforcement, social learning, and cognitive mediator of emotion and behavior. Prerequisite: PSY 250. Recommended: PSY 306.

**PSY 448 COGNITIVE DEVELOPMENT (4)**

This course covers theories and research on cognition from infancy through childhood. Major theorists include Piaget, Vygotsky, Sternberg, Fischer, Case, Bruner, and information-processing perspectives. Special topics include social cognition, theory of mind, concept formation, problem-solving, memory, multiple intelligences, standardized testing, language, and cultural variations. Prerequisite: PSY 302 or 410.

**PSY 450 PHYSIOLOGICAL PSYCHOLOGY (4)**

A study of the relationship between physiological processes and behavior. Particular emphasis on the anatomy and physiology of the nervous system, the effects of metabolic processes, brain lesions, and various drugs on behavior.

**PSY 451 NEURAL SCIENCE AND BIOPSYCHOLOGY (4-8)**

A study of the human and mammalian brain, covering nerve cells and how they work, synapses, neurotransmitters, pharmacology, sexuality, neuroanatomy, neurophysiology, evolution, neuropathology, sleep, language, left brain and right brain, higher consciousness, and much more.

**PSY 451L NEURAL SCIENCE AND BIOPSYCHOLOGY LABORATORY (2-4)**

Demonstrations and exercises that exemplify the methods and subject matter of neuroscience and biopsychology psychology. Corequisite: PSY 451.

**PSY 454 BIOFEEDBACK, SOMATICS AND STRESS MANAGEMENT (4)**

An introduction to biofeedback, somatic psychology, and stress management through the study of human psychophysiology and psychology. Development of familiarity with the burgeoning research and technology related to health and wellness.

**PSY 456 BIOFEEDBACK PRACTICUM (3)**

Develops proficiency in the use of biofeedback equipment through simulated training sessions and supervised actual biofeedback training sessions. Case presentation format is used for discussion of issues that emerge in the student's practicum experience. Prerequisite: PSY 454.

**PSY 461 PERSONALITY (3-4)**

Varied viewpoints are brought to bear in an attempt to conceptualize and understand the process and functioning of human personality. Prerequisite: junior standing.

**PSY 462 SEMINAR IN HUMANISTIC AND EXISTENTIAL PSYCHOLOGY (4)**

Historical thinking in humanistic and existential psychology and examination of contemporary directions. Deals with the whole person in relation to his or her environment, from relationships and the family to the community, larger organizations, and the natural environment. Prerequisite: PSY 306 and 307 or consent of instructor.

**PSY 466 JUNGIAN PSYCHOLOGY (4)**

Examination of Jung and contemporary Jungian thinkers. Examines developmental aspects of Jungian theory such as individuation, typology, masculine and feminine development, and the transcendent function. Prerequisite: junior standing.

**PSY 471 PSYCHOLOGY OF RELIGION (4)**

Explores psychological research and theory on religion religious experience and spirituality. Topics include the link between religion and biology, development, personality, morality and prejudice, health and coping, and violence.

**PSY 472 TRANSPERSONAL PSYCHOLOGY (3-4)**

Surveys the psychological literature on spiritual, transcendent, and extra-ordinary experiences. Reviews roots of transpersonal psychology in ancient philosophies as well as current applications. Studies dualism and relationship, symbols of transformation, and doorways into the sacred from a psychological perspective.

**PSY 481 RESEARCH INTERNSHIP (1-8)**

Students learn applied research methods and practical research skills under the supervision of a faculty mentor. Prerequisite: consent of instructor. A maximum of 12 units of special study and internship credit may be applied to the psychology major. Cr/NC only.

**PSY 482 TEACHING INTERNSHIP (1-8)**

Students learn the skills of organization and communication of psychological theory and research under the supervision of a faculty mentor. Prerequisites: PSY 306 and 307, and consent of instructor. A maximum of 12 units of special study and internship credit may be applied to the psychology major. Cr/NC only.

**PSY 483 ADVANCED TEACHING INTERNSHIP (1-4)**

Advanced skills in teaching internship. A maximum of 12 units of special study and internship credit may be applied to the psychology major. Prerequisites: PSY 306 and 307, and consent of instructor.

**PSY 485 ECOPSYCHOLOGY (4)**

This course focuses on psychological aspects of our relationship to the earth. Issues to be addressed include the psychological impact of living in a time of ecological crisis, and the role of psychology in promoting a transition to an ecologically sustainable society. Field trips to be arranged.

**PSY 488 BIOFEEDBACK EXPERIENCE (1)**

Participation in personal biofeedback sessions conducted by interns in the biofeedback training sequence. Interns are supervised by a qualified biofeedback practitioner.

**PSY 489 APPLIED ECOPSYCHOLOGY (4)**

Individual, group, and community practices for healing and deepening our connection with the Earth. Approaches include meditation in nature, wilderness-based rites of passage, sensory awareness practices, and seasonal celebrations. Field trips to be arranged Cr/NC only.

**PSY 490 PSYCHOLOGY SEMINAR (1-4)**

Each semester one or more psychological topics is selected for study in depth. Consult Schedule of Classes for topics to be studied and current unit offering. May be repeated for credit.

**PSY 493 NARRATIVE: THEORIES AND METHODS (4)**

The course examines the role of narrative, or life storying, in human development research. Students develop a protocol, conduct research in the community using interview methodologies appropriate to the narrative perspective, analyze transcriptions for theoretical and life themes, and develop a final project based on the analysis of the data. Cross-listed as GERN 493.

**PSY 494 COUNSELING EXPERIENCE (1)**

Participation in personal counseling conducted by a graduate student in the counseling M.A. program under the direct supervision of a counseling department faculty member. Students generate a written evaluation of the counseling experience. Students compile a weekly journal and write a summary essay. May be repeated once. Cr/NC only. Prerequisite: instructor Consent.

**PSY 495 SPECIAL STUDIES (1-4)**

The psychology department encourages independent study as preparation and practice for life-long self-directed learning. Students should formulate plans for a project and present them to a faculty member for sponsorship. Special forms for this purpose are available in the department office. These should be completed and filed during the add/drop period. Twelve units of Special Study and Internship combined may be credited toward the major. Prerequisite: upper-division psychology major or consent of instructor. Cr/NC only.

**PSY 496 PSYCHOLOGY TUTORIAL (1-4)**

Directed study of a selected psychological topic under the supervision of a faculty member. A plan of study must be developed in consultation with the faculty member prior to registration. Prerequisites: upper-division psychology major and consent of instructor

**PSY 497 INTERDISCIPLINARY SEMINAR (2-4)**

Exploration of basic social problems. Resource persons from other disciplines may participate. Themes and topics vary. May be repeated for credit.

**PSY 499 INTERNSHIP (1-4)**

Supervised training and experience for advanced students in community agencies throughout the university service area. Special contracts are required and are obtainable in the department office. Internship assignments may be paid. Priority is given to students who apply during the last month of the preceding semester. Students register for PSY 499 during the add/drop period by submitting a completed contract (not online). Prerequisite: consent of instructor. Cr/NC only. A maximum of 8 units of internship credit may be applied to the psychology major. No more than 4 units of PSY 499 may be earned in one semester.

**PSY 500 SOCIAL AND PSYCHOLOGICAL ISSUES IN AGING (3-4)**

Selected issues provide exploration of relationships between psychological and social development in later life. Developmental, historical, cultural, psychological and policy perspectives may be offered. Consult Schedule of Classes for specific topic. Crosslisted as GERN 500. Prerequisite: graduate standing or permission of instructor.

**PSY 511A THEORIES OF DEPTH PSYCHOLOGY (2-4)**

A two-semester sequence that examines Jungian, depth, and archetypal psychology. Readings include Jung, Edinger, Hillman, and post-Jungians. Limited to students in the Depth Psychology Program.

**PSY 511B THEORIES OF DEPTH PSYCHOLOGY (2-4)**

A two-semester sequence that examines Jungian, depth, and archetypal psychology. Readings include Jung, Edinger, Hillman, and post-Jungians. Limited to students in the Depth Psychology Program.

**PSY 515 PSYCHOLOGICAL WRITING (1-4)**

Advanced instruction in the analysis, organization, style and content of psychological writing, including personal explorations.

**PSY 521A SEMINAR (1-4)**

Seminar instruction in the area indicated on the transcript.

**PSY 521B SEMINAR (1-4)**

Seminar instruction in the area indicated on the transcript.

**PSY 530A SEMINAR IN INTERPERSONAL PROCESS (1-4)**

A two-semester sequence in which students apply their knowledge of depth psychology to group process. Students read selected theorists and practitioners, as well as participate in group process interactions within the class. Limited to students in the Depth Psychology Program.

**PSY 530B SEMINAR IN INTERPERSONAL PROCESS (1-4)**

A two-semester sequence in which students apply their knowledge of depth psychology to group process. Students read selected theorists and practitioners, as well as participate in group process interactions within the class. Limited to students in the Depth Psychology Program.

**PSY 531 PERSONAL/INTERPERSONAL PROCESS (1-4)**

Personal psychological process work and/or group process.

**PSY 540A SEMINAR: PSYCHOLOGICAL ISSUES (3-4)****PSY 540B SEMINAR: PSYCHOLOGICAL ISSUES (1-3)****PSY 541 PROFESSIONAL TRAINING (1-4)**

Supervised professional training.

**PSY 542A METHODS AND APPLICATIONS OF DEPTH PSYCHOLOGY (3-4)**

A two-semester sequence that surveys the methods and applications used in depth psychological work. Students learn how the symbol contains, mediates, and expresses personal experience. Intensive work with different art forms, dreams, myth, meditation, active imagination, and the body. Students learn conceptual approaches for interpreting symbolic experience. Theory and practice are integrated throughout the course. Limited to students in the Depth Psychology Program.

**PSY 542B METHODS AND APPLICATIONS OF DEPTH PSYCHOLOGY (3-4)**

A two-semester sequence that surveys the methods and applications used in depth psychological work. Students learn how the symbol contains, mediates, and expresses personal experience. Intensive work with different art forms, dreams, myth, meditation, active imagination, and the body. Students learn conceptual approaches for interpreting symbolic experience. Theory and practice are integrated throughout the course. Limited to students in the Depth Psychology Program.

**PSY 543A CROSS-CULTURAL MYTHOLOGY AND SYMBOLISM (1-4)**

A two-semester sequence that surveys selected mythological, religious, artistic and cultural symbolic motifs and examines their expression in cultures throughout the world. Earth-based healing traditions and the council process are included. Readings are drawn from depth psychology, mythology, folklore, anthropology, eco-psychology, religion and art history. Limited to students in the Depth Psychology Program.

**PSY 543B CROSS-CULTURAL MYTHOLOGY AND SYMBOLISM (1-4)**

A two-semester sequence that surveys selected mythological, religious, artistic and cultural symbolic motifs and examines their expression in cultures throughout the world. Earth-based healing traditions and the council process are included. Readings are drawn from depth psychology, mythology, folklore, anthropology, eco-psychology, religion and art history. Limited to students in the Depth Psychology Program.

**PSY 545C ART THERAPY PRACTICES (1-3)**

Introductory studies in the use of various art therapy practices, techniques and interventions to develop in-depth personal knowledge and professional expertise in the application of Art Therapy theories and practices with others. Limited to students in the Art Therapy Program. Course may be repeated for credit.

**PSY 551 DIRECTED READING (1-4)****PSY 555A INTEGRATED STUDY (1-4)**

Integrated study incorporating a variety of modalities.

**PSY 555B INTEGRATED STUDY (1-4)**

Integrated study incorporating a variety of modalities.

**PSY 558 SEMINAR: HUMAN SYSTEMS AND SOCIAL CHANGE (4)**

The "human systems" perspective in the context of an information and communications society, as developed by general systems theory, organization development and humanistic-transpersonal psychology. Organizational and societal leadership are explored from perspectives of values, organizational dynamics and cultural/economic/ecological systems.

**PSY 560 PROFESSIONAL WORKSHOP (1-4)**

Each semester a particular problem or methodology will be selected for study in depth.

**PSY 561 RESEARCH METHODS (1-4)****PSY 566 BIOFEEDBACK PRACTICUM (3)**

Develops proficiency in the use of biofeedback equipment through simulated training sessions and supervised actual biofeedback training sessions. Case presentation format is used for discussion of issues that emerge in the student's clinical experience. Prerequisite: PSY 454.

**PSY 570 DIRECTED FIELD EXPERIENCE (1-6)**

Internship arranged at an approved college, school, hospital, or clinic. Regularly scheduled individual and group meetings with psychology department faculty for consultation regarding field experiences. Prerequisite: consent of instructor.

**PSY 571 PRACTICUM (1-4)**

Training and applied skill development.

**PSY 575 RESEARCH SEMINAR (1-4)**

Exploration of depth and qualitative research approaches to understanding personal experience. Students learn techniques in depth processes, interviewing, and organic inquiry. Emphasis is on stimulation of students' individual research interests, and the design, conduct, and completion of an individual research study.

**PSY 576 SEMINAR IN DEPTH PSYCHOLOGY (1-5)**

Selected topics in the field of depth psychology. Limited to Depth Psychology students only.

**PSY 578 PROJECT CONTINUATION (1-3)**

Designed for students working on their thesis or master's project but who have otherwise completed all graduate coursework toward their degree. This course cannot be applied toward the minimum number of units needed for completion of the master's degree. Prerequisite: permission of the graduate coordinator. Cr/NC only.

**PSY 580 SEMINAR IN TEACHING PSYCHOLOGY (1-4)**

Discussion of theory, methods and materials of teaching psychology. Customary emphasis is on undergraduate college instruction, but may vary according to the needs and interests of participants. Prerequisite: consent of instructor.

**PSY 581A INTERNSHIP (1-6)****PSY 581B INTERNSHIP (1-6)****PSY 582 TEACHING COLLEGE PSYCHOLOGY (1-8)**

Practical experience of supervised teaching in a college psychology classroom. Prerequisite: consent of instructor.

**PSY 583 GRADUATE RESEARCH ASSISTANT (1-4)**

Students learn advanced research methods and practical research skills under the supervision of a faculty mentor. Prerequisite: consent of instructor.

**PSY 584 GRADUATE TEACHING ASSISTANT (1-4)**

Students learn teaching skills by serving as teaching assistants in undergraduate classes under the supervision of the classroom instructor. Prerequisite: graduate standing; consent of instructor.

**PSY 595 SPECIAL STUDIES (1-4)**

Students should formulate plans for a project and present them to a faculty member for sponsorship. Special forms for this purpose are available in the department office. Prerequisite: graduate standing and consent of instructor. Cr/NC only.

**PSY 596 GRADUATE TUTORIAL (1-4)**

Seminar in selected topics. Consult semester class schedule for current offerings.

**PSY 599 MASTER'S THESIS (1-3)**

A Master's Thesis or investigative project under the guidance of the thesis chair. Prerequisite: Advancement to Candidacy.

**PSY 599A MASTER'S THESIS: PROJECT (1-3)**

A Master's thesis or investigative project is developed by the student under the guidance of a thesis committee chair. Students develop the research proposal and write thesis introduction, methods, and literature review in the first semester. In the second semester the thesis project is completed. Limited to Depth Psychology students.

**PSY 599B MASTER'S THESIS: PROJECT (1-3)**

A Master's thesis or investigative project is developed by the student under the guidance of a thesis committee chair. Students develop the research proposal and write thesis introduction, methods, and literature review in the first semester. In the second semester the thesis project is completed. Limited to Depth Psychology students.

**Science (SCI)**

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**SCI 150 INTRODUCTION TO CAREERS IN HLTH PROFESSIONS (1)**

Lecture, 1 hour. An introduction to careers and current issues in the health professions. The professions examined generally require a bachelor's degree before being accepted into a graduate-level health professions program such as medicine, osteopathic medicine, dentistry, veterinary medicine, optometry, pharmacy, physician assistant, podiatry, chiropractic medicine, genetic counseling, hospital administration, public health, clinical laboratory scientist, nursing, physical or occupational therapy, etc. Cr/NC only.

**SCI 308 KNOWLEDGE AND VALUES IN SCIENCE (3)**