

1983

## Behavioral Sciences Center 1983-84 Bulletin

Nova University

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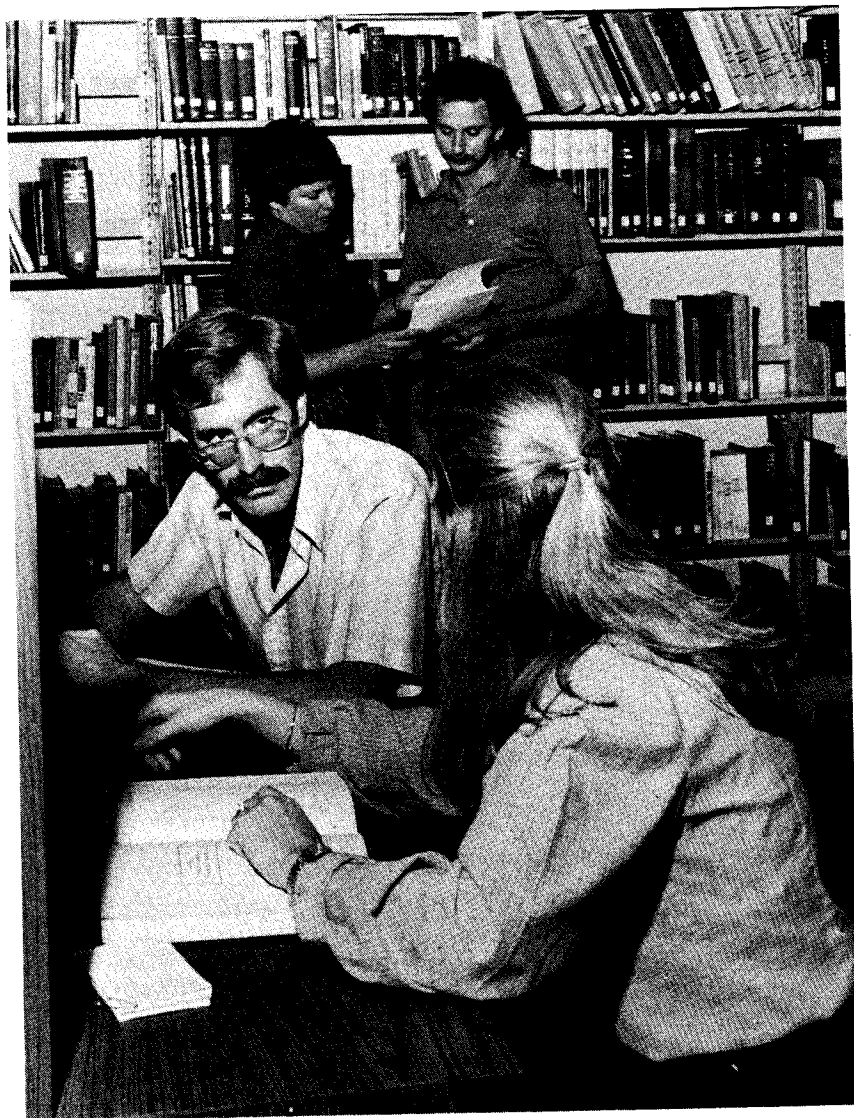
 Nova University

# Behavioral Sciences Center

1983-84 Bulletin



While well-prepared students of outstanding ability may complete the program within a period of four years of full-time study beyond the baccalaureate degree, especially if they take courses during the summer session, time is regarded as secondary to the maturity and achievement of the student as a scholar.



**Course Descriptions** All courses are three semester hours unless otherwise indicated.

## COUNSELING AND GUIDANCE

### CG 501 Counseling Psychology

The course surveys the counseling movement considering the various definitions and approaches, their philosophical and theoretical backgrounds, the research evidence, and current issues.

### CG 509 Practicum: Gerontology

This practicum experience requires beginning students to visit the local social service agencies and familiarize themselves with the services provided.

### CG 510 Career Development

Theories of occupational choice, career development, and social mobility are reviewed within the context of national, state, or regional economic development. Occupational information is considered from the point of view of the individual as well as from the standpoint of manpower needs for industrial and economic development.

### CG 515 Principles of Counseling and Guidance

This course covers the philosophy, functions, management, and operation of a counseling and guidance program in elementary and secondary schools.

### CG 520 Marriage and Family Counseling

This course presents several specific intervention procedures for dealing with parents, families, and couples. An understanding of a variety of approaches and strategies is required as well as is practical experience in each area. **Prerequisite:** CG 501.

### CG 588 Counseling Practicum

**CG 589 Counseling Practicum**  
Individual assignments are arranged for students by the instructor. Course may be taken one or two semesters for three or six semester hours credit. **Prerequisite:** Consent of advisor.

### CG 590 Advanced Practicum: Gerontology

Supervised internship in counseling in a geriatric setting. **Prerequisite:** Consent of advisor.

## PSYCHOLOGY

### PSY 505 Educational and Psychological Measurement I

This course covers the basic principles of measurement and evaluation, including the concepts of validity, reliability, and test norms. The basic descriptive statistics necessary for understanding psychometric properties of tests are introduced.

### PSY 510 The Learning Process

The emphasis of this course is on the psychology of learning. Terminology, processes, theories, and research in learning are covered.

### PSY 515 Educational and Psychological Measurement II

This course covers test construction and includes both teacher-made tests and standardized tests of achievement, attitude, and personality interests. **Prerequisite:** PSY 505

### PSY 520 Group Testing

Content and practicum experience are combined in surveying the major types of intelligence, achievement, personality, interest, and aptitude tests. Content, purpose, standardization procedures, manuals, validity, reliability, administrative problems, and scoring procedures for several tests are compared and evaluated. **Prerequisite:** PSY 505

### PSY 525 Individual Intelligence Testing

Readings cover the history and theories of intelligence testing. Students receive practical instruction in the administration, scoring, and interpretation of commonly used instruments such as the WAIS, WISC-R, WPPSI, and Stanford-Binet. **Prerequisite:** PSY 505 or PSY 575 and consent of advisor.

### PSY 530 Introduction to Projective Techniques

Theory of projective testing is covered along with an introduction to the administration, scoring, and interpretation of such instruments as the Rorschach, TAT, Projective Drawings, sentence completion, and the Bender-Gestalt. **Prerequisite:** PSY 580, PSY 565 or PSY 660 and consent of advisor.

**PSY 535 Pharmacology and Therapeutics**

This course focuses on drugs commonly used in therapeutic situations. The primary objectives are to give the student fundamental knowledge of indications for Chemotherapy and awareness of adverse side effects.

**PSY 540 Aging I**

This course acquaints the student with the processes of normal aging. Genetic, physical, physiological, social, and environmental components of aging are examined.

**PSY 543 Introduction to Physiological Psychology, Psychophysiology, and Biofeedback**

This course serves as an introduction to the areas of brain, body, and emotional processes, introducing basic neuro-anatomy, sensation, perception, central nervous system, and autonomic system processes. It integrates these concepts into present day utilization of biofeedback techniques. **Prerequisite:** PSY 510.

**PSY 544 Aging II**

Emotional disturbances common to the aging population are researched: the neuroses, especially depressive reaction, and the psychoses, especially organic brain syndrome. Treatment models are presented.

**PSY 545 Independent Study I****PSY 546 Independent Study II**

These courses provide students with research and independent study experiences. The course(s) may involve: working with faculty on their research projects, being supervised by faculty in student-generated research, or independent study of topics not currently offered.

**PSY 550 Group Processes**

The primary focus of this course is the application of group processes. Consideration is given to organizational change, marriage and family counseling, traditional group therapy, and the encounter group movement. **Prerequisite:** CG 501.

**PSY 560 Substance Abuse**

This course investigates the etiology of alcoholism and drug dependency. Attention is given to assessment and treatment in both individual and family therapy approaches.

**PSY 562 Social and Cultural Factors in Aging**

The restoration of life-economy systems for the vastly expanding geriatric population is the focus of this course. Reapproachment of the aged with society, advocacy, an improved national outlook, and new treatment modes are studied.

**PSY 565 Personality and Psychotherapy**

A survey of the major approaches to understanding personality is made with emphasis upon practical applications in the form of therapy. **Prerequisite:** CG 501.

**PSY 570 Behavior Modification**

This course is an introduction to operant conditioning and behavior therapy with an emphasis on the application of these approaches. **Prerequisite:** PSY 510.

**PSY 575 Intermediate Statistics**

This course includes a short review of descriptive statistics and hypothesis testing. It focuses on inferential techniques from correlation through analysis of variance including partial correlation and advanced models of analysis of variance. **Corequisite:** PSY 576.

**PSY 576 Computer Laboratory/2 sem. hrs.**

Students learn how to use a remote terminal, build data files, and use basic library programs in the computer lab. FORTRAN is taught. **Corequisite:** PSY 575.

**PSY 577 Computer Laboratory II/2 sem. hrs.**

A continuation of PSY 576.

**PSY 580 Abnormal Psychology**

This course is an introduction to deviant behavior and covers such common disorders as neuroses, psychoses, organic conditions, etc. The focus is on etiology, symptomatology, and treatment as appropriate to each disorder.

**PSY 582 Human Sexuality**

The course is an overview of the basics of sexual anatomy, physiology, and development. The student will acquire an understanding of human sexual response, concepts of sex therapies, and human sexual dysfunction. Also included are methods of contraception, sex and family planning, variations of sexual behavior, and importance of the counselor in the role of sex educator.

**PSY 588 Biofeedback Practicum**

This course is an opportunity for students to gain experience applying biofeedback techniques to psychosomatic and other body control problems. The student uses previously acquired skills in a clinical situation under supervision. **Prerequisite:** PSY 543 and consent of advisor.

**PSY 590 Advanced Topics**

Topics vary depending on the current interests of the instructors and students. **Prerequisite:** Consent of advisor.

**PSY 595 Special Topics: Independent Study in Biofeedback**

The specific activities in this independent study vary from student to student, but the general experience is to work in the area of biofeedback through reading, discussing biofeedback techniques, and actual experience in the laboratory working with the equipment on either a clinical or experimental basis. The laboratory experience is closely supervised.

**PSY 601 Hypnosis Practicum**

This Practicum provides students with on hands experience with several clinical and experimental hypnotic inductions. In addition, students will be supervised in the application of hypnosis with a variety of disorders including smoking, eating disorders, phobias, psychosomatic disorders and others. **Prerequisites:** CG 501 and PSY 650.

**PSY 603 Clinical Practicum/3-8 sem. hrs.**

Supervised Internship in counseling. **Prerequisite:** Consent of advisor.

**PSY 620 Professional Issues and Ethics/1 sem. hr.**

The course is offered in a seminar format and includes topics on professional ethics and standards and procedural matters important in both research and practice in clinical psychology. Topics include ethical standards of psychologists, confidentiality, voluntary consent, legal issues and litigation in mental health, involuntary civil commitment, clients right to treatment, forensics and psychology, professional regulations, ethical issues with children and adolescents, the conduct of research with human and animal subjects, the psychologist as a professional, and issues for the future. The course is a prerequisite to the clinical practicums.

**PSY 622 Psychology of Women**

This course focuses on studies related to women and how women relate to the world as a result of their socialization. Research on sex differences

related to physical and emotional factors is discussed. The course provides students with the opportunity to understand the current issues within the community and within the women's movement.

**PSY 625 Techniques of Assessment I (Behavioral)**

The course examines theoretical, conceptual, and methodological issues in behavioral assessment. In addition emphasis is given to the behavioral assessment of specific problem areas such as child behavior problems in school and home settings, marital and family dysfunction, depression, anxiety, behavior problems of the mentally retarded, and addiction. Particular emphasis is placed on observational methods of behavioral assessment.

**PSY 626 Techniques of Assessment II (Intellectual)**

The course provides students with an exposure to the use of various intellectual assessment techniques. Both theoretical issues and practical applications are reviewed. Experience in the communication of test results also is provided. Primary focus is on the Wechsler Scales; however, considerable attention is given to other intellectual assessment procedures. Also, issues in the assessment of special populations are examined. Ethical considerations involved in intellectual assessment and test data reporting are reviewed.

**PSY 627 Techniques of Assessment III (Personality and Projectives)**

This course deals with the theory and use of projective techniques. Students gain experience in the administration, scoring, interpretation, and communication of findings from such instruments as the Rorschach, TAT, Projective Drawings, Sentence Completion and Bender Gestalt. Special emphasis is given to the integration of data from a test battery into a psychological report.

**PSY 628 Clinical Neuropsychology**

The primary focus of this course is to provide students with an in-depth familiarization with administration and interpretation of the Halstead-Reitan Neuropsychological Battery. Additional topics include neuroanatomy, neuropathology, neurological assessment procedures, brain-behavior relationships, and the Luria-Nebraska Neuropsychological Examination. The course format consists of practicum, seminar, and lecture presentations. **Prerequisite:**

**sites:** Experience and formal course work in the area of Standardized Assessment or permission of the instructor.

#### **PSY 641 Multiple Linear Regression and Correlation Analysis**

The course begins with bivariate correlation and proceeds to the study of models with two or more independent variables and to the regression analog to analysis of variance. Students analyze data with existing computer library programs to develop and test their interpretive skill in regression analysis. Non-linear relationships, orthogonal polynomials, and other non-linear transformations are studied and utilized. The analysis of covariance and its generalization to the analysis of partial variance are studied.

#### **PSY 643 Multivariate Statistical Methods**

This course focuses on commonly used multivariate procedures including discriminate function analysis, multivariate analysis of variance, multiple regression, and canonical correlation. Students utilize each procedure with sample data via the library programs in the computer center. **Prerequisite:** PSY 712.

#### **PSY 650 Hypnosis: Experimental Issues and Clinical Applications**

This course is intended to familiarize students with both research issues and clinical applications of hypnosis. The first phase of the course will consider methodological issues involved in hypnosis research. Such topics as: The Nature of Hypnosis; Physiological and Psychological Manifestations of Hypnosis; The Effects of Hypnosis on Physical, Cognitive, and Intellectual Performance; Applications of Hypnosis to Psychosomatic Disorders; Hypnotic Amnesia; and applications of hypnosis to a variety of clinical and addictive disorders will be examined. The second phase of the course will provide students with experience in Hypnotic Inductions, in the use of Hypnotic Susceptibility Scales, and in the application of hypnosis to clinical disorders. **Prerequisite:** Consent of instructor and academic advisor.

#### **PSY 660 Theories of Personality**

This is a study of major theories of personality in the psychodynamic, humanistic, existential, and learning traditions. Reading covers selected primary sources. A comparative analysis across theories emphasizes issues in theory construction and basic phenomena in psychology. The current status of personality theories is included.

#### **PSY 670 Community Psychology**

This course is intended to expose students to the concept of community psychology. The brief history of community psychology will be reviewed with a focus on those events which led to the development of a "Community point of view." The course also acquaints students with the various approaches (i.e., preventative model, consultative role, etc.) and techniques (i.e., needs assessment, program evaluation) used by community psychologists. Distinctions between traditional clinical interventions and community interventions are highlighted.

#### **PSY 701 Developmental Psychology I**

This course considers the physical and behavioral changes that take place in the child from conception through middle childhood. Specific topics include attachment behavior, language, perception, cognition, and the development of imagination.

#### **PSY 702 Developmental Psychology II**

This course considers the physical and behavioral changes that take place from adolescence through aging. Specific topics include development of moral thought, life styles, career choice, nature of humor, creativity, parenting, mid-life changes, aging, and dying.

#### **PSY 712 Design of Psychological Studies**

The integration of research hypotheses and statistical procedures (primarily analysis of variance) is studied. Strengths and weaknesses of designs are emphasized. The appropriate use and interpretation of a priori and a posteriori test, strength or association indices, repeated measures designs and nested designs are among the topics studied. Examples illustrating studies with the appropriate use and the inappropriate use of designs are presented. **Prerequisites:** PSY 575 and PSY 576.

#### **PSY 715 Social Psychology**

An overview of social influences on human behavior. Topics surveyed include social perception and cognition, attitude change, social influence processes, pro- and anti-social behaviors, interpersonal attraction, and social exchange. Special emphasis is on social learning, attribution, and recent research. **Prerequisite:** PSY 702.

#### **PSY 725 History and Systems of Psychology**

This course is concerned with the practice of psychology as viewed from the perspective of

the philosophy of science. The history of psychology, emphasizing the last 100 years, is studied. Additional topics include the major systems of psychology and contemporary theories.

#### **PSY 726 Advanced Learning: Analyses of Complex Behavior**

Following a review and update of classical and operant conditioning, analyses of complex human behavior traditionally subsumed under personality are undertaken. Such areas as private events, emotion, motivation, the self, conflict, verbal and symbolic behavior, psychopathology, social behavior, and psychotherapy are examined in respect to the role of learning. Learning analyses are compared to other theories with respect to differences and similarities.

#### **PSY 728 Therapy Intervention I (Behavioral)**

Covers the major concepts of behavior analysis and behavior therapy, and the social learning approach to psychological disorders. Identifies and describes the specific behavioral intervention techniques used for the most common disorders. Treatment outcome studies are examined in class for each disorder with special emphasis on the degree of effectiveness and utility of the procedures. **Prerequisites:** PSY 726, PSY 626.

#### **PSY 729 Therapy Intervention II (Individual Client Therapy)**

This course has as its objective the review of literature, theory and applied, as it relates to acquainting the beginning therapist with areas of sensitivity and discrimination pertinent to implementing intervention procedures with individual clients. Special attention is given to issues of rapport, empathy, confidentiality, therapist-client relationships. Further, a review of the research literature relevant to these issues and special intervention procedures relevant to different clinical problems and populations is undertaken. This course is offered in conjunction with Supervised Practicum PSY 802, in the University clinics and outside agencies. **Prerequisites:** PSY 626 and PSY 786.

#### **PSY 730 Therapy Intervention III (Multiple Client Therapy)**

Analysis and practice in the range of therapeutic procedures employed when working with couples, families, and groups.

#### **PSY 745 Research Practicum I**

This course provides the opportunity for students to work with a professor in a research

environment. The topic or topics will be determined jointly by the student and the professor and will normally be in the area of interest to the professor. The activity of the student may be two or more small research experiences, a subset of a large project, or one experience of approximately a semester's length.

#### **PSY 746 Research Practicum II**

Continuation of PSY 745.

#### **PSY 747 Individual Research Project I**

The student is expected to begin pilot work in a research area which will lead to the dissertation. The research will be under the guidance of the student's advisor and should result in a research paper of publishable quality.

#### **PSY 748 Individual Research Project II**

Continuation of PSY 747.

#### **PSY 750 Developmental Disability and Assessment**

This course explores etiologies, manifestations, assessment techniques, and intervention strategies for the major categories of developmental disability. Training in observational and assessment techniques is provided in a field experience.

#### **PSY 751 Language Development and Pathology**

This course focuses on the nature and development of speech, language, and communication processes in normal, delayed, and handicapped children. Students are provided opportunities to observe and assess both normal and deviant communication patterns in children aged one through seven.

#### **PSY 752 Cognitive and Moral Development**

This course focuses on the development of cognition, moral reasoning and behavior in children in the middle and adolescent years. Topics covered include the relationship of moral reasoning and moral behavior, the development of concrete and formal operational thinking, sex related differences in cognitive abilities, and the effects of home, school, and other institutions on the development of socially acceptable behavior.

#### **PSY 753 Seminar in Childhood Behavior Disorders**

This course examines theory, assessment, and intervention techniques for the major behavioral disorders of childhood. Special topics include: aggression, juvenile delinquency, fears, phobias

and social isolation, early infantile autism, childhood schizophrenia, learning disabilities, hyperactivity, mental subnormality, and psychophysiological disorders.

**PSY 770-771 Directed Study I, II/1-3 sem. hrs.**

These courses provide the doctoral student the opportunity to work with a member of the faculty on topics or academic experiences not offered elsewhere in the curriculum. The student must present a written proposal to the faculty member in advance of taking a directed study course. **Prerequisite:** Consent of instructor and faculty advisor.

**PSY 772 Physiological Psychology with Lab/4 sem. hrs.**

The seminar format is a discussion of the current issues in biofeedback and related topics. The reading materials for the seminar include journal articles of specific research, review articles and selected secondary sources of recently published texts. The laboratory portion of the course includes class projects which may necessitate the individuals' monitoring various physiological functions in their everyday world, recording these physiological functions along with indications of psychological states. The class may also participate in various class projects assessing the demonstrations and the possibility of participation in research and in individual experiences with various types of psychophysiological measurements being taken.

**PSY 775 Marital and Family Systems: Theory, Assessment, and Intervention**

This seminar focuses on theories relevant to the function and dysfunction of marital and family systems; various assessment and intervention models developed for use with marital and family dysfunction; and empirical research related to theoretical, assessment, and intervention models of marital and family systems. The emphasis is on viewing marital and family distress within the context of an ongoing system with both functional and dysfunctional properties. **Prerequisite:** PSY 626

**PSY 777-780 Advanced Topics Seminars I, II, III, IV**

The advanced topics seminars provide the opportunity for the student to participate in a learning process devoted to the professor's current research interests. Consequently the content will most likely vary with professor and with each time the seminar is offered.

**PSY 784 Seminar in Current Issues in Biofeedback**

In a seminar format, students discuss current issues in biofeedback and related topics. The reading material for the seminar includes journal articles of specific research, review articles, and selected secondary sources of recently published texts.

**PSY 785 Psychopharmacology**

The purpose of this course is to explore the state of the art concerning psychoactive drugs. The course includes symptomalogies affected by drug therapy, course of action, side effects, and contra-interactions.

**PSY 786 Seminar in Behavior Disorders**

This course is offered in a seminar format and includes both descriptive psychopathology (from within the general framework of DSM III) and critical examination of research addressing the dynamics and etiology of the major behavior disorders. Topics include concepts and models of abnormality; assessment of disordered behavior; research methods and issues; the causes of disordered behavior; disorders first evident in infancy, childhood, or adolescence; organic mental disorders; substance use; schizophrenic; and paranoid, affective, anxiety, dissociative, psychosexual, and personality disorders. In addition to class participation, the course also requires supervised contact with inpatients experiencing marked psychopathology. This course is a prerequisite to the clinical practicums. **Prerequisite:** Undergraduate course in Abnormal Psychology or consent of the instructor.

**PSY 790 Seminar in Behavioral Medicine**

This course traces the development of behavioral medicine and outlines its research and clinical principles. Various content areas within this field are reviewed: obesity, exercise, hypertension, smoking, chronic pain, biofeedback, risk-factor reduction, and health promotion. The integration of behavioral and biomedical disciplines is emphasized.

**PSY 791 Seminar in Addictive Behavior**

This course is offered in a seminar format. It presents a general review of literature dealing with the addictive behaviors and focuses on certain specific, and in some respects controversial, issues. Topics include models of human control, the inter-relationships of the addictive

behaviors, assessment procedures, treatment outcome evaluation, residential and community programs, and presentation strategies.

**PSY 792 Seminar in Sexual Dysfunction**

This course provides advanced study in the area of sexual dysfunction and disorder. It is presented in a seminar format and offers descriptive material on a variety of the sexual disorders, their prevalence etiology, and treatment. A critical examination of the research addressing the sexual disorders and their treatment also is conducted. Topics include sexuality in social, biological, and developmental perspective; gender identity disorders; orgasmic dysfunction; vaginismus; homosexual disorders; incest and pedophilia; disorders of desire and excitement; violence and sexual behavior; and sexual function of dysfunction in special populations. **Prerequisite:** PSY 786 and consent of the instructor.

**PSY 795 Advanced Seminar in Behavioral Treatment Outcomes**

The course examines selected psychological problems for which active research and progress is being made in identifying effective treatments. These topics include self-care training of the retarded, depression, marital disorders, alcoholism, juvenile delinquency, school conduct, tics and nervous habits, vocational adjustment, enuresis. Several behavioral studies in each area are examined in detail, and the specific treatment components for each problem are identified.

**PSY 801 Theory of Psychological Tests**

This course examines the theory, techniques, and statistics of behavioral measurement including psychometrics. Topics covered include fundamental measurement, the role of variance and co-variance in science, basic statistical indices, theory of measurement error, types of validity, methods of assessing reliability, multiple prediction, and an introduction to factor analytic techniques.

**PSY 803 Supervised Clinical Practicum I**

Supervised clinical practice through rotated placements in clinical settings.

**PSY 804 Supervised Clinical Practicum II**

**PSY 805 Supervised Clinical Practicum III**

**PSY 806 Supervised Clinical Practicum IV**

**PSY 807 Supervised Clinical Practicum V**

**PSY 808 Supervised Clinical Practicum VI**

**PSY 809 Supervised Clinical Practicum VII**

**PSY 815 Teaching Practicum/2 sem. hrs.**

This practicum covers the methods, issues, and research related to postsecondary teaching. It also involves the supervised preparation and teaching of a college course. **Prerequisite:** 18 hours in the Ph.D. program and consent of the instructor.

**PSY 830 Colloquium/0 sem. hr.**

Advanced topics and special issues relating to clinical problems and to research are presented by faculty, students, and invited guests.

**PSY 831 Colloquium II/0 sem. hr.**

**PSY 850 Dissertation/6 sem. hrs.**  
**Prerequisite:** PSY 747.

**PSY 851 Dissertation/6 sem. hrs.**

**PSY 860 Internship/2 sem. hrs.**

**PSY 853 Internship/1 sem. hr.**

## SCHOOL GUIDANCE AND SCHOOL PSYCHOLOGY

**SG 588 Practicum: School Guidance**  
Supervised guidance internship in an elementary or secondary school setting. **Prerequisite:** Consent of advisor.

**SP 588 School Psychology Practicum/6 sem. hrs.**

Individual assignments will be arranged for students by the instructor. **Prerequisite:** Consent of advisor.

PSC 903	Social Problems; Drug and Alcohol Abuse	3
PSC 904	Agency Administration	2
PSC 905	Budget Development, Grant Writing and Fiscal Management	3
PSC 906	Community Change and Organizational Development	3
PSC 907	Community Consultation	2
PSC 909	Program Evaluation	3
PSC 910	Supervision, Consultation, and Staff Development	2
PSC 9900- 9999	Special Topics—Community	1-6
PSG 506	Mental Retardation	3
PSG 524	Forensic Psychology	2
PSG 5900- 5999	Special Topics—General	1-6
PSP 8900- 8999	Special Topics—Practicum	1-6
PST 709	Psychotherapy; Behavioral	3
PST 710	Psychotherapy; Behavioral, Advanced	3
PST 711	Psychotherapy; Cognitive/R.E.T. and Reality	3
PST 712	Psychotherapy; Cognitive/R.E.T. and Reality, Advanced	3
PST 713	Psychotherapy; Interpersonal Existential- Phenomenological	3
PST 714	Psychotherapy; Interpersonal Existential- Phenomenological, Advanced	3
PST 715	Psychotherapy; Gestalt	3
PST 716	Psychotherapy; Gestalt, Advanced	3
PST 717	Psychotherapy; Humanistic	3
PST 718	Psychotherapy; Humanistic, Advanced	3
PST 719	Psychotherapy; Psychoanalytic	3
PST 720	Psychotherapy; Psychoanalytic, Advanced	3
PST 727	Biofeedback and Autogenics	3
PST 728	Family Therapy II; Advanced	3
PST 729	Group Therapy II; Advanced	3
PST 730	Hypnotherapy	3
PST 731	Marital Therapy	3
PST 732	Play Therapy	3
PST 733	Human Sexuality and Sex Therapy	3
PST 7900- 7999	Special Topics—Therapy	1-6

## PREREQUISITE COURSES

PSQ 401	Abnormal Psychology	3
PSQ 402	Experimental Psychology	3
PSQ 403	Tests and Measurements	3
PSQ 404	Statistics	3

Students who wish to meet the coursework requirements for state licensure as clinical psychologists are advised to examine the licensure guidelines of the state to which they intend to make licensure application. The degree requirements of the doctor of philosophy program may not conform to the licensure requirements in some states.

## Course Descriptions

All courses are three semester hours unless otherwise indicated.

### PSA 601 Clinical Interview and Behavior Assessment

This course is designed to explore the theoretical, ethical, and practical aspects of interviewing and behavior assessment. Particular emphasis is placed on developing the student's skills of observation, forming hypotheses, synthesizing information, communicating findings, and learning to conduct Mental Status Examination.

### PSA 602 Cognitive Mental Tests

An in-depth study of the major intelligence tests is made. Covered are such tests as the Revised Stanford-Binet and Wechsler Scales, dealing with the theory, development, standardization, reliability, validity, and research findings and social applications relative to these measures. **Prerequisite:** PSA 601.

### PSA 604 Projective Techniques I

Emphasis will be placed on the Thematic Apperception Technique, its administration and interpretation. Other techniques, e.g., word association, sentence completion and house-tree-person drawings will be examined. Reference is made to the projective use of "objective" tests such as the Wechsler Tests or memory tests. In the use of these techniques, content, as well as form, is emphasized to gain access to defensive style and similar data. **Prerequisites:** PSG 507, PSG 508, and PSG 522.

### PSA 605 Projective Techniques II

This is an in-depth study of the major projective techniques, principally the Rorschach, dealing with the theory, development, scoring, interpretation, and research findings relative to these techniques. **Prerequisites:** PSG 507, PSG 508 and PSG 522.

### PSA 606 Projective Techniques III: Rorschach, Advanced Interpretation

This course examines the dynamics of the test situation and the examiner-patient relationship. Emphasis is placed on focal conflicts, defense, reality-testing, and self-integrative tendencies versus impulses and aspects of conscience. **Prerequisites:** PSA 604, PSA 605, PSP 806. **Prerequisite or Co-requisite:** PST 719.

### PSA 609 Developmental and Learning Disabilities

This course is an intensive evaluation of the known developmental and learning disabilities and their influence on learning and general personality development. Particular attention is given to the impact of these disorders on the scholastic development of the child in reading, writing, and arithmetic. The common assessment and remedial techniques are studied. **Prerequisites:** PSG 503, PSG 507.

### PSA 612 Assessment of Brain and Behavior Relationships

Introduced are neuropsychological examination methods, with emphasis on the Halstead-Reitan Battery, aphasia testing, clinical screening approaches, and other methods such as the Luria-Nebraska Battery. Cortical functions and neuropathology also are reviewed. **Prerequisites:** PSA 602, PSG 509, PSG 523, and PSP 803.

### PSA 613 Full Battery Assessment / 4 sem. hrs.

The course will require the student to work from a full assessment battery and integrate observational, cognitive, and personality data. The student will be required to collate information and



write comprehensive psychological reports.  
**Prerequisites:** PSA 602, PSA 604, PSA 605, PSA 612, PSG 523, PSP 803, PSP 806.

**PSA 614 Advanced Neuropsychological Assessment**

This course provides an intensive and extensive continuation of PSA 612 which is a prerequisite. Permission of the instructor is required.

**PSA 690 Special Topics / 1-6 sem. hrs.**  
**Prerequisite:** Permission of the instructor.

**PSC 901 Social and Cultural Influences and Behavioral Development**

Comprehensively studied is the influence of national origin, ethnic background, religion, and socio-economic status on the behavioral development of individuals and groups. The impact of social deprivation, e.g., poverty, on the development of maladjustment is closely analyzed.

**PSC 902 Community Psychology**

The relationships between social institutions and the individual are evaluated. The student focuses on plans for the prevention of disorder, crisis intervention, program consultation, community support systems, and enhancement programs for the impoverished. The growth and development of the community mental health center concept are reviewed with particular attention given to its effectiveness in the delivery of mental health services. A survey of community resources and organizations is included.

**PSC 903 Social Problems: Drug and Alcohol Abuse**

The social psychological problems related to drug and alcohol abuse in American culture are analyzed. Emphasis on various treatment strategies and programs is evaluated.

**PSC 904 Agency Administration / 2 sem. hrs.**

The application of principles in the management of funds, materials, and personnel in human delivery service systems is reviewed. Focus is directed toward management, information systems, resource allocation, budget development, staff development, disciplinary procedures, grievance procedures, and styles of management.

**PSC 905 Budget Development, Grant Writing, and Fiscal Management**

The student is exposed to a comprehensive review relative to the economic management of a mental health service agency. Model budgets are reviewed. Specific attention is devoted to the

writing of grant applications relevant to program development and research. Model grant applications are analyzed.

**PSC 906 Community Change and Organizational Development**

The major institutions and agencies rendering psychological services to the community are comprehensively reviewed. Intense analysis encompasses such factors as community power relations, agency functioning, organizational development, and the dynamics of community change.

**PSC 907 Community Consultation / 2 sem. hrs.**

The role of the psychologist as a change agent is reviewed. Consideration is given to model consultation techniques with elected officials, school administrators, ethnic group leaders, and correctional officials. Role playing is stressed for the development of consultation skills.

**PSC 909 Program Evaluation**

This course is an analysis of methods to assess the efficiency and impact of program services. Attention is directed toward process and outcome variables, barriers to service delivery, data collection, staff resistances, ethical considerations, goal attainment, and scaling. Exercises in practical application of evaluation methods are an integral component.

**PSC 910 Supervision, Consultation, and Staff Development / 2 sem. hrs.**

This course covers the philosophy of these three processes, how they are similar and how they differ. Techniques utilized are considered in relation to the goals they are designed to achieve. Participants are expected to provide material from records in which they have been the supervisee, trainee, and consultee, and if possible, also the supervisor, trainer, and consultant.

**PSC 911 Minority Issues in Psychodiagnostics and Psychotherapy**

With respect to psychological assessment, this course attempts to present a contemporary overview of the major perspectives, pitfalls, fallacies, issues, consequences, and trends in the use of standardized norm-referenced tests with American minorities, particularly those residing in South Florida. In the areas of psychotherapy, the goal is to gain a better understanding of cultural values and histories and their impact on

cross-cultural counseling for both theoretical and practical aspects.

**PSC 990 Special Topics / 1-6 sem. hrs.**  
**Prerequisite:** Permission of the instructor.

**PSG 501 Statistics**

This is an intensive study of quantitative methods, including descriptive statistics, correlation, regression and various types of predictions from correlations; inferential statistical tests including t-tests for independent and matched samples, simple and two-way analyses of variance; and non-parametric statistics. The student learns to evaluate test data and interpret the reporting of statistics in research literature.

**PSG 502 Research Methods; Experimental Design**

Methods for designing, organizing, conducting, and evaluating research are studied. Primary research designs include independent groups, within groups (same subjects), factorial studies, single subject studies, and field and survey studies. Evaluations emphasize needed controls for each type of design as well as major sources of confounds. Finally, sources of contamination by experimenter effects (such as expectancy) are stressed. Students are required to design and "conduct" an error free study. **Prerequisite:** PSG 501.

**PSG 503 Human Development I; Childhood and Adolescence**

This course explores the major aspects of development occurring in the child and adolescent portion of the human life span. Attention is focused on physical, intellectual, personality, and social development as presently understood from both theoretical and empirical literature.

**PSG 504 Human Development II; Adult**

This course is the study of developmental theories, constructs, and research methods as they contribute to an understanding of normative development from late adolescence through late adulthood. It focuses on applying this knowledge to the amelioration of personal and social problems occurring during the adult portion of the life span.

**PSG 505 History and Systems of Psychology**

A comprehensive review of the history and major theoretical systems of psychology is undertaken. It includes structuralism, functionalism, purposivism, behaviorism, neo-behavioral theories of learning (Guthrie, Tolman, Hull, and Skinner), Gestalt psychology and derivative the-

ories (Lewin), psychoanalysis and its derivatives (Jung, Adler, Horney), existentialism and humanistic psychologies (Maslow and Fromm), and the current developments related to these systems and theories.

**PSG 506 Mental Retardation**

The etiological factors relative to mental retardation are studied. The intellectual, emotional, behavioral and social implications of this disorder are investigated. Plans for therapeutic intervention and rehabilitation are evaluated.

**PSG 507 Psychopathology I: Child and Adolescent**

This course is a comprehensive study of the etiology, diagnosis, and treatment of the personality disorders common to the child and adolescent. **Prerequisite or co-requisite:** PSG 503.

**PSG 508 Psychopathology II: Adult and Aged**

Summarized is abnormal behavior of the adult and the aged, from the vantage points of different schools with the goal of integrating research and insights from different disciplines into a cohesive whole. This course follows a sequence of observable data, descriptive data, and the attempt to arrive at rules that govern specific syndromes. **Prerequisite or co-requisite:** PSG 504.

**PSG 509 Psychophysiology**

Emotionality and arousal from both a psychological and physiological standpoint are systematically studied. The structure and functioning of the automatic nervous system and selected brain structures are reviewed and related to individual differences in both normal and abnormal behavior. These are discussed in relation to the biological bases of certain personality characteristics and abnormal states. **Prerequisite:** PSG 523.

**PSG 511 Professional Development I / 1 sem. hr.**

The code of ethics of the American Psychological Association and related moral and legal responsibilities of the professional psychologist is the focus of this course. Case examples are utilized. Current related developments are also discussed.

**PSG 512 Professional Development II / 1 sem. hr.**

The structure and functions of various psychological organizations are reviewed and discussed, including the following: American Psy-



chological Association, state psychological association, the State Board of Psychological Examiners, Association for Advancement of Psychology, and American Board of Professional Psychology. The establishment and management of an independent practice also is discussed.

**PSG 515 Psychopharmacology / 2 sem. hrs.**

The major psychotropic drugs with special reference to the management and treatment of behavioral disorders are studied. Particular emphasis is given to the indications and contraindications relative to chemotherapy.

**PSG 517 Dissertation Seminar**

The course seeks to provide the information needed by the students to prepare their dissertation proposal, collection and analysis of data, and composition of the dissertation report. Special instruments, research design, statistical procedures, and computer applications may be reviewed. **Prerequisites:** PSG 501 and PSG 502.

**PSG 518 Dissertation / 6-12 sem. hrs.**

Each student is required to plan and complete a dissertation dealing with a practical subject in the area of clinical psychology. The object of the dissertation is to aid the student in gaining practical experience in research as applied to clinical practice experience. It is recommended that the dissertation topic selected should be such that the student will be able to complete this requirement in four to six months. **Prerequisite:** PSG 517.

**PSG 520 Learning Theory and Its Application in Psychotherapy**

The major learning theories are reviewed with specific reference to their involvement in the various psychotherapeutic modalities.

**PSG 522 Personality Theory and Measurement**

Part I — Theories of Personality (10 weeks)  
The major psychodynamic, interpersonal, and humanistic theories of personality are considered. The contributions to understanding of the intrapsychic and interpersonal dynamics of behavior of such theorists as Freud, Adler, Jung, Abraham, Sullivan, Horney, Erikson, A. Freud, Hartmann, Angyal, Lewin, Maslow, and May are studied. The way the theory of personality serves to undergird the theory and technique of therapy which flows from it also is examined.  
Part II — Assessment (5 weeks)  
A review of empirically derived personality and

cognitive constructs, with emphasis on the relationship of theory to measurement. Areas covered include dimensional models of personality; factor analytic approaches; measures of attentional, perceptual, and cognitive style; self-ratings of attitudes, moods and other trait and state measures. Implications for the description of both normal and abnormal characteristics of personality are stressed. **Prerequisite:** PSG 505.

**PSG 523 Neurology, Endocrinology and Cerebral Dysfunctions / 4 sem. hrs.**

Basic concepts and systems of neuroanatomy, neurophysiology and endocrinology are covered. The major forms of cerebral pathology and mental retardation also are studied.

**PSG 524 Forensic Psychology / 2 sem. hrs.**

This course is an introduction to the concepts, applications, and objectives of forensic psychology. It includes such areas as the language and structure of the adversary system, confidential and privileged communication, forensic psychodiagnostics, hospital commitment, personal responsibility, guardianship, incompetency, insanity, and criminal responsibility. In addition, the role of the psychologist as expert witness is analyzed. Students are given the opportunity to enact a court case. Field trips may be included.

**PSG 5900-5999 Special Topics—General/ 1-6 sem. hrs.**

**Prerequisite:** Permission of instructor.

**PSP 803 Cognitive Mental Tests I Practicum / 2 sem. hrs.**

The student learns to administer, score, and evaluate the major individual cognitive mental tests and prepare interpretive reports. Clinical practice, under supervision, is required for each of these techniques. To be taken in conjunction with PSA 602.

**PSP 806 Projective Techniques II Practicum / 2 sem. hrs.**

The students administer, score, evaluate, and interpret the Rorschach, and other projective techniques and write related test reports. To be taken in conjunction with PSA 605.

**PSP 815 Practicum I**

The student is required to spend 10 hours per week at a selected agency. In this course the student is to acquire competency in the areas of interview and assessment, psychological testing, and psychotherapy. **Prerequisites:** PSA 601, PSA 602, PSP 803 and PST 702.

**PSP 816 Practicum II**

Continuation of PSP 815

**PSP 817 Practicum III/6 sem. hrs.**

The student is required to spend 15 hours per week at a selected agency and to participate in a 2 hours per week seminar led by the director of clinical training. In this course the student will acquire advanced competency in the areas of interview and assessment, psychological testing, and psychotherapy. **Prerequisites:** PSP 815 and PSP 816, plus PSA 604, PSA 605, PSP 806 and at least 3 of the 4 following courses: PST 707, PST 708, and PST 709-20 (the other course must be taken concurrent with the 3rd year practicum).

**PSP 818 Practicum IV/6 sem. hrs.**

Continuation of Practicum III.

**PSP 825 Internship: Clinical Psychology / 6 sem. hrs.**

The student is required to spend his/her fourth year of the program in an internship covering a 50-week period of 2,000 hours at a site determined jointly by the director of clinical training and the student. **Prerequisites:** All courses completed.

**PSP 8900-8999 Special Topics—Practicum/ 1-6 sem. hrs.**

**Prerequisite:** Permission of the instructor.

**PST 701 Personal Growth Experience: Group Therapy**

The purpose of this course is to demonstrate group process through participation in an experiential group. The experience also provides the student with an opportunity to better understand how he/she relates to others, in affected by different personalities and aids the student to explore more effective ways of relating.

**PST 702 Techniques of Individual Psychotherapy Survey**

The purpose of this course is to review the theoretical foundations and methodologies of the major therapies for individual treatment including analytic, behavioral, Gestalt, psychoanalytic, rational-emotive, and interpersonal. Case examples are presented to illustrate differences and similarities in applied methodologies. **Prerequisite or co-requisite:** PSG 522.

**PST 707 Family Therapy I**

This course provides a review of the historical development of family therapy. Additionally, it

covers the major theoretical concept of family therapy, family pathology, and various approaches to family treatment. Relevant research on family dynamics and the effects of family treatment is considered. Family dynamics and treatment are demonstrated and experienced through the use of role playing, films, and video tapes. **Prerequisites:** PSG 503, PSG 504, PSG 507, PSG 508 and PSG 522.

**PST 708 Group Therapy I: Introduction**

An introduction to the theories, practice, and research findings of group psychotherapy serves as the basis for this course. Issues are explored through readings and participation in an ongoing group. Leader interventions are analyzed in terms of integrating group process and intrapersonal phenomena. **Prerequisites:** PSG 507, PSG 508, PSG 522 and PST 701.

**PST 709-720 Psychotherapy I**

Students select the same psychotherapeutic modality for two successive semesters. **Prerequisites:** PSG 507, PSG 508, PSG 522 and PST 702.

**PST 709-T 720 Psychotherapy II**

**Prerequisite:** Psychotherapy I.

**PST 709 Psychotherapy; Behavioral**

The theoretical foundation and treatment techniques utilized in behavior therapy as well as its current evaluation are studied intensively. The course consists of such topics as, but is not limited to, behavioral assessment, relaxation training, systematic desensitization, assertiveness training, and aversive conditioning. Criticisms of behavior therapy also are discussed.

**PST 710 Psychotherapy; Behavioral, Advanced**

Continuation of PST 709.

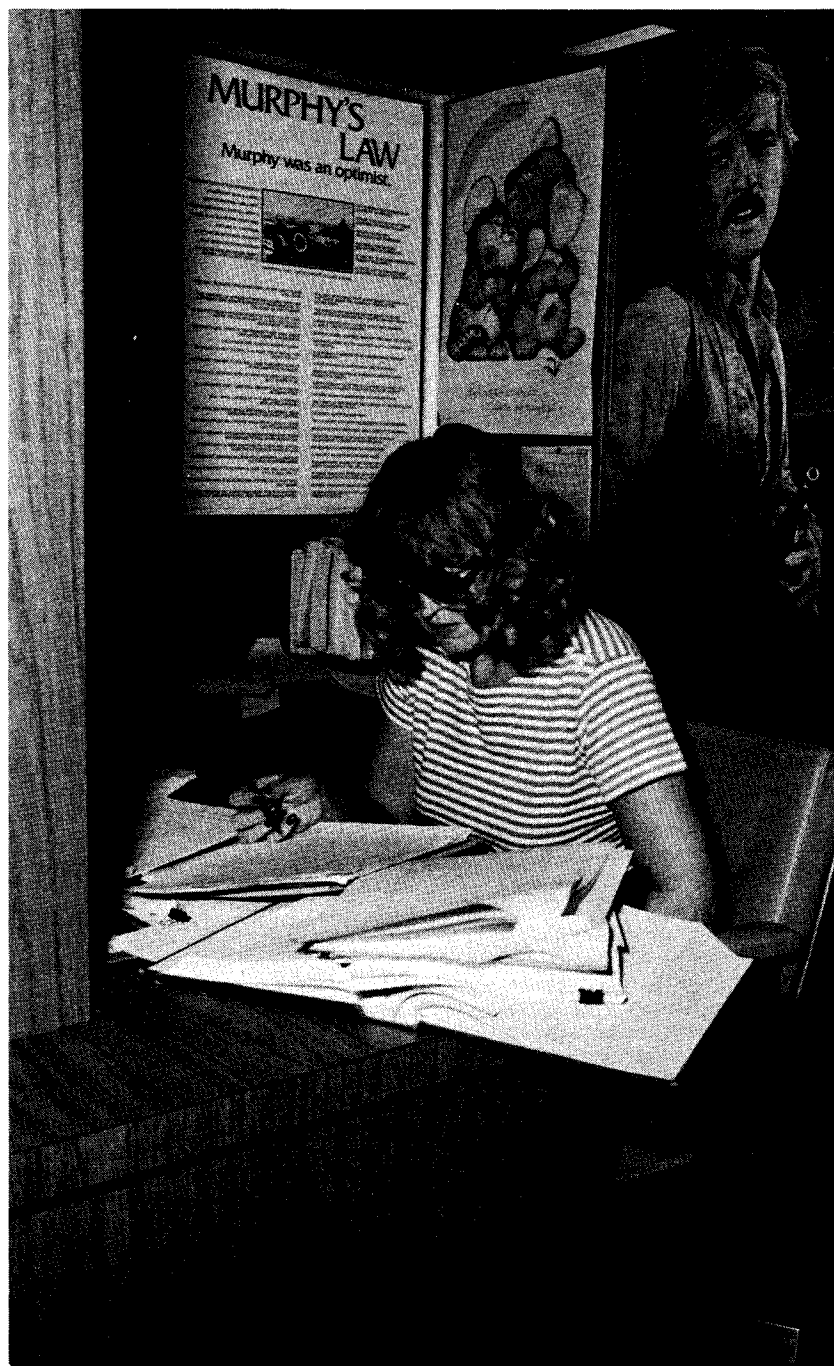
**PST 711 Psychotherapy; Cognitive / R.E.T. and Reality**

This course examines the theoretical and applied aspects of the role of cognition in the therapeutic process. Thoughts, fantasies, expectation, etc., and their integration with more overt behavioral techniques in treatment are studied.

**PST 712 Psychotherapy; Cognitive / R.E.T. and Reality, Advanced**

Continuation of PST 711.

**PST 713 Psychotherapy; Interpersonal / Existential - Phenomenological**



Through readings, structured activity, and role playing, students will explore the existential-phenomenological approach in psychotherapy. This course emphasizes practical application through class participation.

**PST 714 Psychotherapy; Interpersonal / Existential-Phenomenological, Advanced**

Continuation of PST 713.

**PST 715 Psychotherapy; Gestalt**

This course consists of an intensive exploration of the theory and practice of Gestalt psychotherapy as well as the experiential practice of the Gestalt method. There are group experiences using the basic Gestalt rules.

**PST 716 Psychotherapy; Gestalt, Advanced**

Continuation of PST 715.

**PST 717 Psychotherapy; Humanistic**

This course looks at how a variety of therapeutic approaches are combined into humanistic psychotherapy. Emphasis is placed on group interaction and demonstration.

**PST 718 Psychotherapy; Humanistic, Advanced**

Continuation of PST 717.

**PST 719 Psychotherapy; Psychoanalytic**

This is a study of the main principles underlying this psychotherapeutic modality. Concepts such as transference, resistance, and others are explored systematically. Discussion of issues related to the initial, middle, and end phase of therapy are also considered.

**PST 720 Psychotherapy; Psychoanalytic, Advanced**

Continuation of PST 719.

**PST 727 Biofeedback and Autogenics**

The techniques of biofeedback and physiological-psychological interactions are introduced. The student learns to operate and use a variety of biofeedback instruments. **Prerequisites:** PSG 503, PSG 504, PSG 507, PSG 508, PSG 522 and PST 702.

**PST 728 Family Therapy II: Advanced**

This course comprehensively integrates the varied theories and techniques of family therapy and their application to the diverse areas of clinical work. Crucial issues such as the integration of intrapersonal and interpersonal data are explored. These concepts are demonstrated

through role playing, video tapes, films, and some supervised experience behind a one-way mirror. **Prerequisite:** PST 707.

**PST 729 Group Therapy II: Advanced**

This course presents a theoretical integration of systems theory, research, and group process therapy. Demonstration of the complex, multi-leveled intersections that occur between individual personality and group life is made via the ongoing experiential group, viewing video tapes and films of group therapy. These phenomena also are explored in student-led groups where applicable. **Prerequisite:** PST 708.

**PST 730 Hypnotherapy**

The course covers historical background, definitions, and theories of hypnosis. Hypnosis as one mode of psychotherapy and principles of hypnotherapeutic techniques also are examined. Emphasis is placed on students doing hypnosis with subjects. **Prerequisites:** PSG 503, PSG 504, PSG 507, PSG 508, PSG 522 and PST 702.

**PST 731 Marital Therapy**

This course focuses on a comprehensive presentation of marriage conceptualizations and marital therapy from a psychoanalytic and systems orientation. These models are demonstrated through role playing and video tapes. Audio tapes of the students' work may also be utilized when available. **Prerequisites:** PSG 503, PSG 504, PSG 507, PSG 508, PSG 522, PST 702 and PST 707.

**PST 732 Play Therapy**

Reading and practicum in play therapy utilizing directive and nondirective techniques, playroom design, individual and group process with children of different ages are covered in this course. **Prerequisites:** PSG 503 and PSG 507.

**PST 733 Human Sexuality and Sex Therapy**

This course is an intensive investigation of the principles and practices of sex therapy. Significant areas of study include sexual anatomy and physiology, sexual responses, taking a sex history, the psychological and organic causes of dysfunction, and related treatment procedures. **Prerequisites:** PSG 503, PSG 504, PSG 507, PSG 508, PSG 522, PST 702 and PST 731.

**PST 7900-7999 Special Topics—Therapy/ 1-6 sem. hrs.**

**Prerequisite:** Permission of the instructor.

## Course Descriptions

All courses are three semester hours unless otherwise indicated.

### HS 500 Community Needs and Social Support Systems

The interrelation of economic, political and social systems with community and individual needs. Information and referral strategies are discussed.

### HS 512 Theory and Practice in Working with Individuals

Methods and principles of helping individuals solve problems and improve functioning in society. Information gathering, intervention strategies, and interviewing techniques are included.

### HS 513 Theory and Practice in Working with Groups

Methods and principles of helping individuals in a group context to solve problems and function more effectively in society. Family intervention strategies are discussed.

### HS 514 Interpersonal Relations and Group Process

Techniques for the Development of Interpersonal Relations. Self-discovery, self-awareness and self-discipline. Concept of peer review, skill of consultation. Processes of supervision and team management.

**HS 520 The Law and Human Service**  
Aspects of federal, state, and local laws as applied to the field of human services. The right, responsibilities, and restrictions of law as applied to the human service professional.

### HS 525 Writing and Management of Grants

Fundamentals of researching, writing, obtaining, and managing grants secured from public and private sectors.

### HS 530 Evaluation of Human Service Programs

Nature and function of evaluation as applied to Human Service Programs.

### HS 540 Staff Development and Supervision In Human Service Programs

Theory and practice of effective management techniques as applied to the social service agency.

### HS 542 Contemporary Issues in Human Services/1-3 sem. hrs.

Topics of interest to the human services professional. Subject matter varies depending upon current interests.

### HS 544 Human Services: The Child and Adolescent

Discussion of family, social, and cultural factors concerning children and youth and the delivery of appropriate services in areas such as child abuse, handicapped, exceptionalities, juvenile delinquency, dependency, and substance abuse.

### HS 545 Juvenile Justice

Origins of juvenile delinquency and techniques dealing with it. A discussion of the juvenile justice system and the problems of adolescents in a changing society.

### HS 546 Human Service and the Problems of Aging

Physical, economic, social, and emotional problems of the aging and techniques for dealing with these problems within the human services system structure.

### HS 547 Vocational Rehabilitation

A discussion of the field of vocational rehabilitation including techniques for planning and counseling individual needs and legal requirements for retraining individuals and groups.

### HS 548 Community Mental Health

Social and cultural issues of mental health and their relationship to theory and responsibility for delivery of community services.

### HS 549 Crisis Intervention

Techniques for dealing with clients in crisis states. Referral strategies and stress management are included.

### HS 552 Human Services in a multi-Cultural Setting

Methods and principles of helping individuals within a multi-cultural community.

**HS 588 Practicum in Human Services**  
Applications of principles of human services to the solution of a practical problem within a specific subspecification field. **Prerequisite:** Must have completed six courses in the program not including transfer credits.

### HS 596 Internship in Human Services (Field Placement)

A supervised internship within the field of human services. This must be separate and distinct from the student's employment role. **Prerequisite:** Must have completed six courses in the program not including transfer credits.

