

# PSYCHOLOGY (PSYC)

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## **PSYC 101. Introduction to Psychology. (4 Credits)**

Provides an introduction to psychology as a social and behavioral science, focusing on its major topics, methods, theories, applications, and the integration of psychology and Christianity.

**Tags:** SI

## **PSYC 235. Cross-Cultural Psychology. (2 Credits)**

An examination of the impact of culture on various psychological processes and systems. This course is designed for both majors and non-majors.

## **PSYC 241. Social Psychology. (4 Credits)**

A study of human thought, emotion, and behavior in an interpersonal context.

**Tags:** SI

## **PSYC 268. Statistics. (4 Credits)**

An introduction to descriptive and inferential statistics used in research. Students will be taught how to conduct and interpret correlations, simple regression, several types of t-tests, analysis of variance (one-way and factorial with interaction), and chi-squared tests. Students will be introduced to the framework of hypothesis testing, type 1 and type 2 errors, and power. Prerequisite: PSYC 101.

**Tags:** AAQR

## **PSYC 269. Experimental Psychology. (4 Credits)**

An examination of the research methods of psychology and the philosophy behind their use and an opportunity to apply these skills in research. Prerequisite: PSYC 268.

## **PSYC 317. Developmental Psychology. (4 Credits)**

An overview of the major theories, concepts, issues, data, and research methodologies of developmental psychology across the life span.

**Tags:** SI

## **PSYC 343. Sensation & Perception. (4 Credits)**

A survey of the current scientific models, concepts, and integrative theories that encompass the field of human sensory and perceptual studies, with a special emphasis on the neurological and cognitive features of vision. Prerequisite: PSYC 269.

## **PSYC 345. Learning. (4 Credits)**

Examines learning through the Pavlovian and Skinnerian traditions from the early twentieth century up to the present day. Students will apply their course learning outside the classroom by engaging in behavioral training with an animal. Prerequisite: PSYC 269

## **PSYC 348. Abnormal Psychology. (4 Credits)**

An overview of the major theories, concepts, issues, data, and research methodologies of abnormal psychology. Emphasis on assessment, treatment, and prevention. Prerequisite: PSYC 101.

## **PSYC 351. Cognition. (4 Credits)**

A survey of the current scientific models, concepts, and integrative theories that encompass the field of human thought such as information processing, language, attention, and problem solving, as well as human perceptual experience and consciousness. Prerequisite: PSYC 269.

## **PSYC 352. Contemporary Clinical Psych. (4 Credits)**

Contemporary Clinical Psychology. An overview of the major contemporary approaches to psychotherapy used in mental health settings. Includes an emphasis on the counselor as a person and as a professional, ethical issues in counseling practice, and essential counseling skills. Prerequisite: PSYC 348.

## **PSYC 355. Advanced Statistics & Psychological Testing. (4 Credits)**

An introduction to computer-based statistical analysis and psychological testing of child and adult intelligence, personality, and psychopathology. Topics include exploratory data analysis, multiple regression, factor analysis, scale construction. Students will also learn to administer and evaluate specific psychological tests. Prerequisite: PSYC 269 or consent of instructor.

## **PSYC 361. Behavioral Neuroscience. (4 Credits)**

An overview of the neuroanatomical, neurophysiological, and neurochemical underpinnings of sensory systems and the expression of behavior. Prerequisite: PSYC 269 or consent of instructor.

## **PSYC 371. Intro to Psychopharmacology. (2 Credits)**

This course examines the psychological effects and neurobiological mechanisms of action of psychoactive drugs, drugs that are used in the treatment of psychopathological disorders, and recreational drugs of abuse. This course is designed to provide undergraduate students interested in clinical psychology or psychopharmacology with an overview of the effects and mechanisms of substances which act on both the body and the brain. Prerequisite: PSYC 361

## **PSYC 431. Psychology of Human Sexuality. (4 Credits)**

An examination of human sexuality from the physiological, psychological, and social context. Topics include theories of psychosexual development, the nature of contemporary gender roles, ethnic identity, theological views of authentic sexuality, and cultural factors that impact sexual views and behaviors.

## **PSYC 481. Advanced Topics in Psychology. (2 Credits)**

Various Seminars.

## **PSYC 494. Personality Psychology. (4 Credits)**

This senior capstone course examines major personality theories, their individual assumptions on the nature of persons and their important contributions to the psychological field. Students are challenged to critically evaluate the world-view of each theorist from a Christian theological perspective. Prerequisite: Senior status or permission of instructor.

## **PSYC 495. Independent Study. (1 to 4 Credits)**

Individual library or experimental research carried on under the supervision of a staff member. Prerequisite: consent of the instructor.

## **PSYC 496. Internship. (4 or 8 Credits)**

Credit given for participation in the department's internship program. Prerequisites: five courses in psychology; junior or senior standing with Psychology major.

## **PSYC 497. Collaborative Research Groups. (2 or 4 Credits)**

Credit given for participation in faculty sponsored ongoing research program. The course may be repeated for a maximum of 8 credits, 4 of which may count as major elective. Prerequisite: PSYC 269

## **PSYC 499. Honors Thesis. (4 or 8 Credits)**

An independent project requiring original research developed in a scholarly paper and culminating in an oral examination. By application only.

## **PSYC 512. Theories and Principles of Counseling. (3 Credits)**

Designed for marriage and family therapy students, this course provides an examination of several of the major theories of counseling with an emphasis on techniques and principles common to each theory. This course does not count towards the M.A. in Clinical Psychology.

**PSYC 551. Counseling Challenges in Ministry. (2 Credits)**

A psychoeducative approach is used to enable Christian leaders to help individuals and families understand and deal with contemporary issues —e.g., step-families, single parenting, divorce, abortion. Other topics covered include: coping with depression, strong emotions, i.e., anger and anxiety, conflict. This course does not count toward the M.A. in Clinical Psychology.

**PSYC 698. Master's Thesis. (4 Credits)**

(4)

**PSYC 699. Master's Thesis Continuation. (0 Credits)**

See M.A. Thesis/Applied Thesis/Action Research.

**PSYC 701. Foundations of Integration. (3 Credits)**

A course in which an understanding of social, cultural, and spiritual context is developed to facilitate an integrated view of the person and of mental health practice. Emphases include historical, philosophical, theological perspectives, application of faith practice integration to the treatment of marginalized populations and service to the church worldwide.

**PSYC 714. Professional Development and Ethics I. (3 Credits)**

An introduction to the practice of professional psychology, and to the ethical, legal, and professional issues confronting psychologists. Emphasis will be on fostering students' knowledge of the profession's ethics code and guidelines and on developing professional goals and behaviors. Special attention will be paid to the integration of Christian faith in accordance with the program's mission statement. (3)

**PSYC 716. Basic Clinical Interviewing Skills. (3 Credits)**

A basic skill course in clinical interviewing strategies and challenges.

**PSYC 717. Class, Gender, Race, Religion & Sexual Identity. (3 Credits)**

An introduction to the diverse populations psychologists serve and the clinical competencies necessary for effective psychologists.

**PSYC 721. History and Systems of Psychology. (3 Credits)**

A study of the history of psychology, with particular emphasis upon understanding contemporary thought in the philosophy of science, and its implications for our understanding of the history and current status of the discipline.

**PSYC 731. Spirituality I. (1 Credit)**

An introduction to spiritual formation and spiritual practices for developing clinical psychologists in the Christian tradition. This course will focus on spiritual practices and disciplines important to developing the relationship between human beings and a triune God.

**PSYC 732. Spirituality II. (1 Credit)**

The second course in a sequence intended for spiritual formation and spiritual practices for developing clinical psychologists in the Christian tradition. This course will focus on spiritual practices and disciplines important to self-care.

**PSYC 733. Spirituality III. (1 Credit)**

The third course in a sequence intended for spiritual formation and spiritual practices for developing clinical psychologists in the Christian tradition. This course will focus on spiritual practices and disciplines relevant to healthy community.

**PSYC 734. Spirituality IV. (1 Credit)**

The fourth and final course in a sequence intended for spiritual formation and spiritual practices for developing clinical psychologists in the Christian tradition. This course emphasizes spiritual practices and disciplines focusing on Biblical justice.

**PSYC 736. Cognitive-Behavioral Theory and Practice. (3 Credits)**

A core theory and clinical skill course in the cognitive-behavioral tradition. Covers the range of topics from traditional behavior modification to social-cognitive and cognitive views to third-wave therapies. (3)

**PSYC 737. Psychoanalytic and Contemporary Psychodynamic Theory and Practice. (3 Credits)**

A core theory and clinical skill course in the psychodynamic tradition. Covers the range of topics from classical psychoanalysis through contemporary object-relations, self psychological, and relational psychoanalytic views.

**PSYC 738. Family Systems Theory and Therapy. (3 Credits)**

A core theory and clinical skill course in the family systems tradition. An overview of the major approaches to family therapy with an emphasis on developmental and systemic models, and development of family assessment, conceptualization, and intervention skills. Prerequisites: PSYC 716, PSYC 736, PSYC 737. (3)

**PSYC 739. Community and Preventive Psychology. (3 Credits)**

An examination of community and interpersonal factors causing and maintaining psychological dysfunction and well-being. Studies the preventive modes of mental health intervention.

**PSYC 743. Psychological Assessment I: Cognitive Foundations. (3 Credits)**

An examination of the history of testing, and basic measurement theory and psychometrics. Includes exposure to the theory of intellectual and educational assessment with children and adults, and development of skills in administration, scoring, and interpretation of intellectual tests. (3)

**PSYC 744. Psychological Assessment II: Personality Foundations. (3 Credits)**

An examination of the theory and practice of personality assessment with children and adults. Covers objective and projective assessment methods, and development of skills in administration, scoring, and interpretation of these instruments. (3)

**PSYC 745. Psychological Assessment III: Integrative Report Writing. (1 Credit)**

A clinical skill course focusing on the development of competency in integrative report writing, including the synthesis of testing data and information.

**PSYC 746. Research and Statistics I. (3 Credits)**

An introduction to statistical methodology, with an emphasis on cultivating students' basic conceptual understanding of statistics and research methods, as well as foundational skills in conducting analyses and in participating in a research team. (3)

**PSYC 747. Research and Statistics II. (3 Credits)**

An introduction to research design which includes quantitative statistical research designs, with an emphasis on establishing a strong conceptual framework for understanding the range of research designs and how to select or match a design to research question/problem. Program evaluation methodology is also included. (3)

**PSYC 748. Research and Statistics III: Data Interpretation & Qualitative Analysis. (3 Credits)**

An introduction to basic approaches of qualitative analysis and a focus on interpretation and reporting of quantitative data. (1)

**PSYC 753. Psychopathology. (3 Credits)**

Doctoral-level examination of the categorization, diagnosis, etiology, and maintenance of abnormal behavior.

**PSYC 754. Biological Bases of Behavior. (3 Credits)**

Covers the core knowledge in the biological bases of behavior for the practicing psychologist. (3)

**PSYC 755. Cognition & Emotion. (3 Credits)**

Examines contemporary perspectives on thought, memory, emotion, and other higher mental processes.

**PSYC 756. Psychopharmacology. (3 Credits)**

A core course introducing the student to psychopharmacological treatments of various psychological disorders.

**PSYC 761. Research Lab I. (1 Credit)**

Research Lab I is the formal mechanism by which students' involvement in original empirical research is formulated and guided. The Research Lab I is the first of a formal academic sequence involving statistical analysis, research design and research application in a clinical context. Participation in the Research Lab I will help students' to build the necessary skills to generate and evaluate original research. The research lab supports dissertation process as part of the research and statistics sequence. Graded pass/fail.

**PSYC 762. Research Lab II. (1 Credit)**

Research Lab II is the formal mechanism by which students' involvement in original empirical research is formulated and guided. The Research Lab II is the second of a formal academic sequence involving statistical analysis, research design and research application. Participation in the Research Lab II will help students' to build the necessary skills to generate and evaluate original research. The research lab supports dissertation process as part of the research and statistics sequence. Graded pass/fail.

**PSYC 763. Research Lab III. (1 Credit)**

Research Lab III is the formal mechanism by which students' involvement in original empirical research is formulated and guided. The Research Lab III is the third of a formal academic sequence involving statistical analysis, research design and research application. Participation in the Research Lab III will help students' to build the necessary skills to generate and evaluate original research. The research lab supports dissertation process as part of the research and statistics sequence. Graded pass/fail.

**PSYC 764. Research Lab IV. (1 Credit)**

Research Lab IV is the formal mechanism by which students' involvement in original empirical research is formulated and guided. The Research Lab IV is the fourth of a formal academic sequence involving statistical analysis, research design and research application. Participation in the Research Lab IV will help students' to build the necessary skills to generate and evaluate original research. The research lab supports dissertation process as part of the research and statistics sequence. Prerequisite: PSYC 761, 762 and 763. Graded pass/fail. (1)

**PSYC 773. Lifespan Development. (3 Credits)**

Development throughout the lifespan from infancy through old age; focus on prominent developmental theories; protective and risk factors in atypical development.

**PSYC 774. Advanced Social Psychology. (3 Credits)**

Advanced topics of relevance to understanding human behavior in its social context. (3)

**PSYC 781. Advanced Ethics and Professional Issues. (3 Credits)**

Advanced training in special topics among ethical, legal, and professional issues confronting the psychologist in practice. Prerequisites: PSYC 714. (3)

**PSYC 782. Clinical Supervision and Consultation. (3 Credits)**

Introduction to practice of effective supervision and training of mental health professionals and the skills needed to provide consultations with other professionals and organizations. Prerequisites: PSYC 796 - Practica I & II. (3)

**PSYC 795. Practicum Seminar. (1 Credit)**

A seminar group designed to facilitate the personal, professional, and spiritual formation of doctoral students who are concurrently in practica placements. Required attendance at both individual and group meetings. Co-requisite: PSYC 796. Graded pass/fail.

**PSYC 796. Practica I, II, III, IV. (2 Credits)**

A doctoral-level practicum covering assessment, treatment planning, case management, and psychotherapeutic intervention. Graded pass/fail. (each 2)

**PSYC 797. Practica-Seminar I, II, III, IV. (0 Credits)**

A seminar group designed to facilitate the personal, professional, and spiritual formation of doctoral students who are concurrently in practica placements. Required attendance at both individual and group meetings. Required with PSYC 796. Graded pass/fail. (each 2 credits)

**PSYC 798. Practicum V/VI. (0 Credits)**

An advanced doctoral-level practicum covering assessment, treatment planning, case management, and psychotherapeutic intervention. Prerequisite: eight credit hours of PSYC 796. Graded pass/fail.

**PSYC 833. Couple Therapy. (3 Credits)**

A core theory and clinical skill course in the field of couple therapy. Covers a range of views including the behavioral, family systems, and psychodynamic. Prerequisite: PSYC 738.

**PSYC 837. Developmental Psychopathology. (3 Credits)**

A foundational course providing an overview of developmental clinical child psychology. Emphasis will be given to an understanding of theory and developmental theories and research in relation to child psychopathology and clinical practice.

**PSYC 838. Advanced Couple and Family Therapy. (3 Credits)**

An advanced seminar focusing on integrative models of couple and family therapy with a special emphasis on issues of ethnicity and gender. Students will develop the skills important in working with multiproblem couples and families. Students will also be introduced to models of couple and family supervision. Open to both M.A. and Psy.D. Clinical Psychology students. Prerequisites: Psy.D. PSYC 738, M.A. CMHC 636. (3)

**PSYC 843. Neuropsychological Assessment. (3 Credits)**

Introduction to theory and practice of assessing brain function and its behavioral correlates.

**PSYC 844. Child Psychological Assessment. (3 Credits)**

A clinical skill course focusing on the administration, scoring, and interpretation of child psychological assessment strategies. Specific developmental considerations in assessment of this population will be examined.

**PSYC 845. Child & Adolescent Interventions. (3 Credits)**

A clinical skills course introducing students to evidence-based intervention strategies targeting commonly seen diagnoses in children and adolescents. Developmental, cultural, and familial considerations in treatment are emphasized. Prerequisites: PSYC 716, 736, 737. (3)

**PSYC 846. Geropsychology. (3 Credits)**

Assessment and treatment of older adults and associated issues, including neuropsychological assessment and differential diagnosis. Open to both M.A. and Psy.D. Clinical Psychology students.

**PSYC 849. Sexuality & Sex Therapy. (3 Credits)**

An advanced elective introducing the student to the assessment and treatment of sexual dysfunction using a biopsychosocial model. Open to both M.A. and Psy.D. Clinical Psychology students.

**PSYC 851. Substance Abuse. (3 Credits)**

A survey of basic issues surrounding the conceptualization, etiology, progression assessment, and treatment of chemical abuse, dependence, and addiction, including the study of the family of the chemically dependent individual.

**PSYC 853. Behavioral Medicine and Health Psychology. (3 Credits)**

Contemporary theory and practice course exploring the relationship of psychological and behavioral change in relation to medical and other health-related matters. Prerequisite: PSYC 754.

**PSYC 854. Collaborative Psychological Practice in Primary Care. (3 Credits)**

An advanced clinical course introducing students to the role of the mental health professional in the primary health context. Diagnostic, intervention and interdisciplinary consultation skills necessary for effective practice in fast-paced, high-volume interdisciplinary healthcare settings are taught with an emphasis on Motivational Interviewing and brief interventions for change. Contextual focus is placed on the value of collaborative approaches with underserved communities and populations. (3)

**PSYC 861. Spiritual Direction and Care of the Soul. (3 Credits)**

An introduction to the contemporary and classical literature and traditions of Christian spirituality and spiritual direction and their relevance to the helping professions. Psychology's neglect of the spiritual life and of the church's tradition of soul care is addressed. (3)

**PSYC 862. Advanced Integration of Psychology & Christian Theology. (3 Credits)**

This course will focus on the integration of the Christian faith and clinical psychology. Students will be provided in-depth exposure to the literature regarding Christianity-psychology integration. Specific topics in emerging trends in the field will be selected and analyzed by the class in light of their theological coursework in the doctoral program. Prerequisite: PSYC 701

**PSYC 881. Advanced Practicum I. (2 Credits)**

This advanced clinical experience emphasizes the development of assessment, diagnosis and intervention through supervised practice at a variety of field settings. Concurrent enrollment in PSYC 882 - Advanced Practicum Seminar I. Meetings include didactic learning, case presentations and team meetings. Prerequisites: eight credit hours of PSYC 796 and 4 credits of PSYC 795. Co-requisite: PSYC 882. Graded pass/fail.

**PSYC 882. Advanced Practicum I Seminar. (1 Credit)**

This seminar supporting advanced clinical experiences emphasizes the development of assessment, diagnosis and intervention through supervised practice at a variety of field settings. Concurrent enrollment in PSYC 881. Meetings include didactic learning, case presentations and team meetings. Prerequisites: eight credit hours of PSYC 796 and 4 credits of PSYC 795. Co-requisite: PSYC 881. Graded pass/fail.

**PSYC 883. Advanced Practicum II. (1 Credit)**

This advanced clinical experience emphasizes the development of assessment, diagnosis and intervention through supervised practice at a variety of field settings. Concurrent enrollment in PSYC 884 - Advanced Practicum Seminar II. Prerequisite: PSYC 881. Co-requisite: PSYC 884. Graded pass/fail.

**PSYC 884. Advanced Practicum II Seminar. (1 Credit)**

This seminar supporting advanced clinical experiences emphasizes the development of assessment, diagnosis and intervention through supervised practice at a variety of field settings. Concurrent enrollment in PSYC 883 - Advanced Practicum II. Meetings include didactic learning, case presentations and team meetings. Prerequisites: PSYC 881 and 882. Co-requisite: PSYC 883. Graded pass/fail.

**PSYC 891. Advanced Clerkship. (0 Credits)**

Supervised advanced clinical experience in an approved setting. Prerequisites: eight credit hours of PSYC 796 and 2 semesters of PSYC 894. Attendance at Grand Rounds is required. Graded pass/fail. (0)

**PSYC 892. Advanced Clerkship II. (0 Credits)**

Supervised advanced clinical experience in an approved setting. Prerequisites: eight credit hours of PSYC 796 and 2 semesters of PSYC 894 and 2 semesters of PSYC 891. Attendance at Grand Rounds required. Graded pass/fail. (0)

**PSYC 893. Seminar: Advanced Topics in Clinical Psychology. (1 Credit)**

Advanced topics in clinical psychology presented and discussed in a two-full-day seminar. Readings required prior to attendance. Graded pass/fail. Open to both M.A. and Psy.D. Clinical Psychology students. Program limit: M.A. 4 hours; Psy.D. 12 hours including PSYC 895 hours. (1)

**PSYC 894. Clerkship. (0 Credits)**

Supervised clinical experience in an approved setting. Prerequisites: eight credit hours of PSYC 796. Attendance at Grand Rounds is required. Graded pass/fail.

**PSYC 895. Independent Study. (1 to 4 Credits)**

(1-4)

**PSYC 896. Clinical Internship. (0 Credits)**

Degree requires registration in this course for two semesters and one summer. Graded pass/fail.

**PSYC 898. Clinical Dissertation. (1 to 4 Credits)**

Degree requires a total of 10 or 13 credits (depending on catalog year) for the clinical dissertation. (1, 2, 3, 4)

**PSYC 899. Clinical Dissertation Continuation. (0 Credits)**

(Full-time).

**PSYC 991. Comprehensive Exam. (0 Credits)**

A programmatic milestone testing mastery of fundamental academic concepts necessary for professional psychologists. Students are permitted up to 3 exam attempts in a 12 month period before being assigned a final grade for the course. PSYC 991 may not be repeated. Pass/fail. Prerequisites: PSYC 714, 716, 717, 721, 736, 737, 738, 743, 744, 745, 746, 747, 753, 754, 755, 773, and 774.

**PSYC 992. Professional Qualifying Exam (PQE). (0 Credits)**

Professional clinical qualifying exam - the 2nd qualifying exam. Pass/fail. Prerequisites: PSYC 991 unless petitioned to Psy.D. Program Clinical Training Committee.

**PSYC 993. Clinical Dissertation Proposal. (0 Credits)**

Clinical Dissertation Proposal defense. Pass/fail. Prerequisites: PSYC 991.

**PSYC 999. Clinical Dissertation Continuation. (0 Credits)**

(Part-time).