

# PSY - PSYCHOLOGY

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## **PSY 1010 Introductory Psychology Cr. 4**

**Satisfies General Education Requirement:** Natural Scientific Inquiry Grade of C or better required for psychology majors. Introduction to the science of behavior. Principles, concepts, and theories of human thought and action. Selected concepts illustrated through laboratory experiments. Recommended for students intended to major in psychology. Meets General Education Laboratory Requirement. No credit after PSY 1020. Offered Every Term.

## **PSY 1020 Elements of Psychology Cr. 3**

**Satisfies General Education Requirement:** Natural Scientific Inquiry Principles, theories and applications of psychological knowledge. Intended for non-psychology majors. No credit after PSY 1010. Offered Every Term.

## **PSY 1030 Introductory Psychology Laboratory Cr. 1**

Principles, concepts and theories of human thought and behavior illustrated through laboratory experiments. Required of psychology majors who have AP Psych credit or took PSY 1020 to complete Introductory Requirement; Grade of C or better required for psychology majors. No credit after PSY 1010. Offered Every Term.

**Prerequisites:** PSY 1020 with a minimum grade of C-

**Restriction(s):** Enrollment is limited to Undergraduate level students.

## **PSY 2020 Research Methods In Psychology Cr. 4**

Basic principles of research design in psychology and measurement of psychological constructs. Students must take lecture and corresponding lab. Psychology majors must earn C or better. Students are strongly urged to complete PSY 2020 at or before the completion of 45 credits. Course study and/or tutoring is available for this course. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of C or PSY 1030 with a minimum grade of C

## **PSY 2030 Statistical Methods in Psychology Cr. 4**

Primarily for psychology majors. Principles and computational methods that apply to quantitative aspects of psychological procedure; elementary correlation theory and prediction, sampling problems, tests of hypotheses, elementary test theory, interpretation of results. Students will learn how to use statistics software SPSS. Psychology majors must earn C or better and are strongly urged to complete PSY 2030 at or before the completion of 60 credit hours. Course study and/or tutoring is available for this course. Offered Every Term.

**Prerequisites:** (PSY 1010 with a minimum grade of C or PSY 1030 with a minimum grade of C) and (MAT 1000-6999 with a minimum grade of C, STA 1020 with a minimum grade of C, STA 2210 with a minimum grade of C, TIS 2300 with a minimum grade of C, ACT Math  $\geq$  25 (QE = 100) with a test score minimum of 100, Quantitative Exp P=100/F=000 with a test score minimum of 100, SAT Math (QE = 100) with a test score minimum of 100, or Michigan Transfer Agreement with a test score minimum of 100)

## **PSY 2080 Introduction to Drugs, Behavior, and Society Cr. 3**

Introduction to drugs and their actions. Emphasis on psychoactive drugs, their effects, and the consequences of their use and misuse to the individual and society. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2100 Psychology and the Workplace Cr. 3**

Psychology applied to workplace issues. Major topics include organizational staffing, employee training and development, organizational leadership, employee attitudes and motivation, organizational culture and climate, and employee health and well-being. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2300 Psychology of Everyday Living Cr. 4**

Applications of psychological principles to everyday life. How research can be used to guide positive self-change in various contexts (e.g., stress, psychological problems, personality, persuasion, attitudes). Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2400 Developmental Psychology Cr. 4**

Facts, principles, theories of psychological development throughout the lifespan. Development of intellectual, emotional, perceptual, linguistic, and social behavior. Developmental trends. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2410 Health Psychology Cr. 4**

Clinical, social, developmental, and biopsychosociological theory and research on relationship of psychological and behavioral factors to physical health and well-being. Positive and negative health behaviors, stress and coping, social relations and social support, psychoneuroimmunology, patient-practitioner interaction and health utilization, management of chronic illness. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2600 Psychology of Social Behavior Cr. 4**

Social behavior of the individual as influenced by the group. Particular attention given to social perception, motivation, and learning; attitudes and values; dynamics of social groups. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

## **PSY 2650 Minds and Machines Cr. 3**

**Satisfies General Education Requirement:** Cultural Inquiry Central examples of these questions and proposed answers: Is our mind just a piece of software that our brain is running? Can AI exercise moral agency? Are minds physical things? Are we much less rational than we think? How can we understand each other's minds? Can there be laws in psychology? What is consciousness, and can it be studied scientifically? We will address these and other questions via the work of philosophers, psychologists and cognitive scientists. Offered Winter.

**Equivalent:** PHI 2650

## **PSY 3000 Evolutionary Psychology Cr. 3**

Application of evolutionary theory to the study of human behavior, including favoritism of kin, sex differences in behavior and anatomy, and life history strategies. Introduction to behavioral genetics. Description of various facets of a given behavior: its development, neural and hormonal mechanisms, phylogenetic distribution, and adaptive value, with examples. Interaction between genetic and environmental influences on behavior, including cultural values. No credit after BIO 4220. Offered Fall.

**Prerequisite:** PSY 1010 or PSY 1020

## **PSY 3040 Psychology of Perception: Fundamental Processes Cr. 3**

Fundamental theories, concepts, and empirical studies of basic sensory processes and the perception and organization of sensory phenomena. Offered Fall, Winter.

## **PSY 3060 Psychology of Learning and Memory: Fundamental Processes Cr. 3**

Fundamental theories, concepts, and empirical findings in field of learning. Offered Fall, Winter.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3080 Cognitive Psychology: Fundamental Processes Cr. 3**

Fundamental theories, concepts, and empirical findings in study of human cognition. Topics include: thinking, problem solving, language comprehension and production, memory and attention. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**Equivalent:** LIN 3080

**PSY 3120 Brain and Behavior Cr. 3**

Introduction to the brain and its influence over behavior. Structure and function of the nervous system, neural communication, and neural mechanisms of higher nervous system functions and dysfunctions. Topics include: biological basis of sleep, sex, learning, memory, language, schizophrenia, and depression. No credit after PSY 3330. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3200 Motivation, Feeling and Emotion Cr. 3**

Experimental findings in psychological and allied fields on topics of motivation, feeling, and emotion; evaluation of classical theories and an attempt to develop a theoretical approach based on factual knowledge. Offered Intermittently.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3250 Psychology of Gender Cr. 3**

Evidenced-based understanding of similarities and differences between women and men in domains such as cognitive skills, aggression, empathy, communication, emotional expression and mental health. Exploration of biological, psychological and social theories used to explain gender identity and expression. Focus on historical and current issues related to the psychology of women, including relationships, careers and health. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3310 Abnormal Psychology Cr. 4**

Nature and causes of various forms of abnormal behavior, including schizophrenia, depression, and neurosis, viewed from psychological, biological, cultural, developmental and historical perspectives. Diagnosis and treatment of pathological behavior. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3315 Introduction to Positive Psychology Cr. 3**

Positive psychology encompasses the study of positive experiences, positive character strengths, positive relationships, and the institutions and practices that facilitate their development. This course reviews the history of positive psychology and the contributions this new field has made to several traditional research areas in psychology. We will study an overview of the field—giving specific attention to the central tenants of positive psychology: signature strengths, values, positive relationships, positive emotions, mindfulness, resilience, and positive organizations. Offered Yearly.

**Prerequisite:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3330 Systems Neuroscience Cr. 3**

Systems Neuroscience explores the brain circuits that contribute to regulatory (i.e., sexual differentiation and reproductive behavior, reward and addiction, aggression and violence, physical and social pain), and higher order (i.e., learning and memory, cerebral lateralization and consciousness) experiences and behaviors. Changes in neural circuits that contribute to disorders of thought (schizophrenia), emotion (anxiety) and sensory processing (chronic pain), and neurobiological strategies for their remediation also are explored. Offered Winter.

**Prerequisite:** BIO 3200 with a minimum grade of C-

**PSY 3350 Psychology of Personality Cr. 3**

An examination of the major approaches to the study of personality. Current psychological findings in the field of personality and their implications for psychotherapy and assessment. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3380 Human Sexuality Cr. 3**

Biological, psychological and socio-cultural aspects of human sexuality. Topics include anatomy and development, sexual behavior, and cultural influences. Offered Every Term.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3430 Infant Development Cr. 3**

Development of the infant from conception through the toddler years. Physical, motor, perceptual, cognitive, language, social and emotional development. Current findings and their implications for parenting, programming and care. Offered Yearly.

**Prerequisites:** PSY 2400 with a minimum grade of D-

**PSY 3440 Psychology of Child Behavior and Development Cr. 3**

Developmental processes in childhood; language acquisition, cognitive development, development of peer-peer interactions. Offered Yearly.

**Prerequisite:** PSY 1010 with a minimum grade of D-

**PSY 3460 Psychology of Adolescent Behavior and Development Cr. 3**

Factors that promote the emergence of new relationships with parents, changes in peer relationships, increased independence, preparation for marriage and parenthood, and socioeconomic integration into the larger society. Biological and anthropological perspectives on sex roles. Offered Yearly.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3480 Parent-Child Interaction Across the Lifespan Cr. 3**

Theory and research on interactions between parents and children. Focus on normal developmental concerns, infancy through adulthood: discipline, sibling rivalry, sex-role identification, parental support. Offered Yearly.

**Prerequisites:** PSY 2400 with a minimum grade of D-

**PSY 3490 Psychology of Adult Development and Aging Cr. 3**

The adulthood and aging years from a developmental perspective, including: intelligence, memory, personality, and social behavior. Offered Intermittently.

**Prerequisite:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3540 Jane Austen's World Cr. 3**

Jane Austen's novels have generated great—and well deserved—interest in the world she inhabited. Austen wrote during one of the most turbulent periods of British and World history. This class will place her writings into a historical and cultural context. Over the course of the semester we will address a number of questions that shaped Austen's era and resonate for our own: How does her work interpret and reflect changing views of love and family? How do they reflect rising consumer capitalism and new styles of fashion? What do they say about women's rights to property? About the Napoleonic Wars and the British slave trade? How can novels help us understand the conflicts of an era? Our course will deepen our understanding of British, and global, society and culture. Offered Every Other Year.

**PSY 3700 Black and African American Experience Cr. 3**

This course will examine psychological theory, empirical research, and clinical practice that emphasize African/African-American/Black culture. Students will learn theories of Black personality and identity development, the co-existence of African/African American and European/European American worldviews, psychological health and well-being, social and emotional consequences of institutionalized racism (including socioeconomic and health disparities), and the impact of acculturation on African American mental health. Offered Yearly.

**Prerequisite:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**PSY 3993 Laboratory in Experimental Psychology Cr. 2**

Lab investigations of perceptual, sensory, learning, or cognitive processes. This capstone course will culminate in the writing of a research proposal. Course unique to WSU; students must complete course at WSU. Offered Every Term.

**Prerequisites:** PSY 2020 with a minimum grade of C, PSY 2030 with a minimum grade of C, and (ENG 2390 with a minimum grade of C, ENG 3010 with a minimum grade of C, ENG 3020 with a minimum grade of C, or ENG 3050 with a minimum grade of C)

**Restriction(s):** Enrollment is limited to Undergraduate level students.

**Fees:** \$15

**PSY 3995 Advanced Seminar in Psychology Cr. 3**

An advanced writing intensive seminar course that will examine a specific topic in psychological research. This course will expand beyond the fundamentals of scientific research and will ask students to explore specific psychological concepts, in depth. This capstone course will culminate in the writing of a research paper. Offered Intermittently.

**Prerequisites:** PSY 2020 with a minimum grade of B, PSY 2030 with a minimum grade of B, and (ENG 2390 with a minimum grade of B, ENG 3010 with a minimum grade of B, ENG 3020 with a minimum grade of B, or ENG 3050 with a minimum grade of B)

**PSY 4140 Hormones and Behavior Cr. 3**

Examines the relationship between hormones and behavior, taking a biological approach to behavioral questions that have long been of interest to Psychologists, Biologists and Neuroscientists. Explores the research area of Behavioral Endocrinology, a field that seeks biologically (in particular hormone)-based explanations of behavior. Offered Intermittently.

**Prerequisites:** PSY 1010 with a minimum grade of C and (PSY 3120 with a minimum grade of C or PSY 3330 with a minimum grade of C)

**Equivalent:** BIO 4140

**PSY 4310 Psychological Disorders of Children Cr. 3**

Points of view, methods of study and research findings regarding psychopathology in children. Offered Fall.

**Prerequisites:** PSY 1010 with a minimum grade of C or PSY 1020 with a minimum grade of C

**PSY 4320 Introduction to Clinical Psychology Cr. 3**

An introduction to the methods, rationale, and empirical foundations of clinical psychology. Issues in the assessment and treatment of psychopathology. Offered Yearly.

**Prerequisites:** PSY 1010 with a minimum grade of C or PSY 1020 with a minimum grade of C

**PSY 4990 Directed Study and Research Cr. 2-4**

Library or laboratory study of an advanced problem in psychology under the guidance of a faculty member. Offered Every Term.

**Repeatable for 9 Credits**

**PSY 4991 Honors Directed Study Cr. 2-4**

Honors library or laboratory study of advanced problem in psychology under guidance of a faculty member. Offered Every Term.

**Repeatable for 9 Credits**

**PSY 4994 Special Projects Cr. 1-4**

Departmental assignment to special projects for advanced students. Offered Every Term.

**Prerequisite:** PSY 1010 with a minimum grade of C or PSY 1030 with a minimum grade of C

**Repeatable for 12 Credits**

**PSY 4995 Special Topics in Psychology Cr. 3**

Topics of current interest to be announced in Schedule of Classes . Offered Intermittently.

**Prerequisites:** PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-

**Repeatable for 6 Credits**

**PSY 4998 Senior Thesis Cr. 3**

Research leading to the design and execution of a senior honors thesis in psychology. Presentation of research at department, university or external conference is required. Offered Every Term.

**Prerequisites:** PSY 2020 with a minimum grade of C, PSY 2030 with a minimum grade of C, and PSY 3993 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Psychology Honors.

**PSY 5020 Honors Research in Psychology Cr. 3**

Critical evaluation of scientific literature and the planning and development of psychological research proposals. Offered Fall.

**Prerequisites:** PSY 2010 with a minimum grade of C, PSY 2020 with a minimum grade of C, and PSY 3993 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Psychology Honors.

**PSY 5040 Cognitive Neuroscience Cr. 3**

Brain processes and brain structures that support them, framed in terms of theoretical models and empirical evidence from brain imaging techniques and patient populations. Topics include attention, memory, space, language, and decision-making. Offered Yearly.

**Prerequisites:** PSY 3120 with a minimum grade of C or PSY 3330 with a minimum grade of C

**PSY 5070 Neuropharmacology Cr. 3**

Physiological and behavioral bases of drug action, with emphasis on brain neurotransmitters, psychopharmacology, and substance abuse disorders. Offered Fall.

**Prerequisites:** PSY 1010 with a minimum grade of C and (PSY 3120 with a minimum grade of C or PSY 3330 with a minimum grade of C)

**PSY 5080 Cellular Basis of Animal Behavior Cr. 3**

Relationship between behavior and neuroscience using a variety of animal models, each examined from the level of natural behavior progressively to the cellular level. Topics include: sensory systems, motor behavior, and learning. Offered Winter.

**Prerequisite:** BIO 2550 with a minimum grade of C- or BIO 2600 with a minimum grade of C- or PSY 3120 with a minimum grade of C- or PSY 3330 with a minimum grade of C-

**Equivalent:** BIO 5080

**PSY 5100 Applied Statistics in Psychology Cr. 4**

General linear model, coding techniques, multiple correlation and regression, analysis of variance and covariance, planned and post hoc tests, use of statistical computer packages. Offered Every Term.

**Prerequisites:** PSY 2020 with a minimum grade of C

**PSY 5330 Human Neuropsychology Cr. 3**

History of the development of human neuropsychology. Neuropsychological mechanisms underlying behavior and mental processes: sensory-motor mechanisms; integrative action of the nervous system; mechanisms involved in emotional behavior and learning and memory. Current perspectives of theories of brain organization and function and empirical foundations of neuropsychological assessment. Offered Yearly.

**Prerequisites:** (PSY 1010 with a minimum grade of D- or PSY 1020 with a minimum grade of D-) and (PSY 3120 with a minimum grade of C or PSY 3330 with a minimum grade of C)

**PSY 5360 Child Language Acquisition Cr. 3**

Despite its complexity and abstractness, young children acquire language without conscious effort or explicit instruction in a span of just a few years. This feat is unique to humans and is unmatched by any other species or even the most sophisticated computers. The course will present a comprehensive introduction to the study of child language acquisition. We will use a cross-linguistic approach to discuss some of the most important issues in language acquisition. We will not only talk about what children accomplish linguistically at various ages, but also discuss various theoretical approaches to explaining how children acquire linguistic knowledge in different domains, focusing on acquiring the sound inventory, words and sentence structure. We will look at some of the methods that have been employed to collect and analyze child language data. Offered Fall.

**Equivalent:** ENG 5360, LIN 5360

**PSY 5440 Developmental Neuropsychology Cr. 3**

Neurobiology of development. Topics include: neuroplasticity throughout the life span, maturation of the brain and neural connectivity, neurodevelopment of behavioral, emotional, social and cognitive functions. This course will bridge human behavioral and animal models to illustrate the dexterity and limitations of available scientific methods to study developmental neuropsychology. Offered Intermittently.

**Prerequisites:** PSY 1010 with a minimum grade of C and (PSY 3120 with a minimum grade of C or PSY 3330 with a minimum grade of C)

**PSY 5700 The Psychology of African Americans Cr. 4**

Methodological approaches to and theories of Black behavior and personality development. Topics include: race and pathology, life-span and psycho-sexual development, personality formation, social and environmental stress and adaptation. Offered Every Term.

**Equivalent:** AFS 5700

**PSY 5710 Dispute Resolution Cr. 3**

Overview of the processes and actors in the field of dispute resolution including negotiation, mediation, arbitration, and conciliation. Offered Yearly.

**Equivalent:** CRJ 5994, PCS 5000, PS 5890

**PSY 5900 Culture, Language and Cognition Cr. 3**

Systematic investigation of the relationships among, language, cognition and culture, including issues relating to human universals, cross-cultural concept formation, metaphor, classification and the evolution of cognition and language. Offered Every Other Winter.

**Prerequisites:** ANT 3310 with a minimum grade of D-, ANT 5320 with a minimum grade of D-, LIN 3310 with a minimum grade of D-, LIN 5320 with a minimum grade of D-, LIN 3080 with a minimum grade of D-, or PSY 3080 with a minimum grade of D-

**Restriction(s):** Enrollment is limited to Graduate or Undergraduate level students.

**Equivalent:** ANT 5900, LIN 5900

**PSY 6010 Equitable Partnerships with Families and Communities Cr. 3**

Theory and research-based strategies that support equitable collaboration between professionals and families to best meet the needs of children. Explores family and community contexts as assets for learning. Emphasis on culturally and linguistically responsive approaches to learn about and leverage family strengths and priorities, as well as communication strategies for making shared decisions with families. Offered Fall.

**Equivalent:** ELE 6010, SW 6010

**PSY 6020 Political Psychology Cr. 3**

Political attitudes and behavior of both ordinary citizens and political elites using theory and research that adopt a psychological perspective. Topics include: political socialization, ideological belief systems, role of mass media in shaping beliefs and attitudes, race and gender stereotypes and their psychological and political consequences, personality and the dynamics of political leadership. Offered Yearly.

**Equivalent:** PS 6010

**PSY 6500 Advanced Psychological Statistics Cr. 3**

Review of core statistical procedures; in-depth exploration of concepts of correlation and regression. Brief review of descriptive statistics and methods of statistical inference. Statistical software will be introduced and used. Offered for graduate credit only. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 6510 Organization Theory Cr. 3**

Work organization theories, and history of social modeling; classical, neoclassical, and open system of contingency theories. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 6520 Organizational Behavior Cr. 3**

Employee motivation, job attitudes, leadership and management development; related aspects of organizational behavior, design and development. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 6535 Psychometric Theory Cr. 3**

Development, validation, and use of psychological tests and other psychological instruments. Origins and value of psychological testing. Offered Yearly.

**Prerequisites:** PSY 6500 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 6550 Training and Employee Development Cr. 3**

Theory and practice of organizational training, employee development, and management development; establishment of performance standards, performance appeal process, evaluation of training and development programs. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 6570 Research Methods in Industrial/Organizational Psychology Cr. 3**

Field and lab research methods for workplace settings. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy.

**PSY 7010 History and Systems of Psychology Cr. 1-2**

History and philosophical ideas that have influenced development of the scientific field of psychology. Core issues in philosophy of science; their integration with major theories, philosophies and trends in development of modern psychology. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7080 Human Cognition Cr. 3**

Unified approach to human cognitive activity, including perception, attention, memory, language, concepts, and problem solving. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7120 Biological Basis of Behavior Cr. 3**

Major literature relating the anatomy of the nervous system to psychological processes. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7150 Quantitative Methods in Psychology I Cr. 4**

Introduction to statistical inference for psychologists. Bivariate measures of relationship and associated statistical tests: chi square, t-test, F test and selected rank order tests. Research methods including randomized designs, repeated measures, counter-balancing and Latin square designs, and quasi-experimental designs common to applied social science research, such as matched case controls, pre- and post- designs, and interrupted time-series. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7160 Psychometrics and Factor Analysis Cr. 3**

Psychometric theory and psychological measurement including Factor Analysis and Item Response Theory. Offered Winter.

**Prerequisites:** PSY 7150 with a minimum grade of C (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7200 Psychological Assessment I Cr. 4**

Psychometric theory and application emphasizing reliability, validity, utility and interpretation of selected intelligence, achievement, and objective personality tests, including the WAIS-IV and MMPI-2. Required lab section includes individual supervision on interviewing, testing, and report writing. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7210 Psychological Assessment II Cr. 4**

Half of the course covers child intellectual and academic assessment, based on measures such as the WISC-IV and WIAT-II. The other half addresses adult personality assessment, based on measures such as the Rorschach and TAT. Emphasis on providing feedback and writing reports for clients. Required lab section includes individual supervision on interviewing, testing and report writing. Offered Winter.

**Prerequisites:** PSY 7200 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7230 Assessment Practicum Cr. 1**

Students learn to conduct psychological assessments of adults and children. Skills taught include how to: a) generate clinical hypotheses; b) interview patients; c) select, administer, score, and interpret a range of psychological measures; d) integrate findings to answer assessment questions; e) write assessment reports; f) give feedback; and g) both receive and provide supervision. Unique aspects of assessing specific clinical conditions or disorders will be covered. Students will present cases based on assessments they conduct in the departmental training clinic. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 3 Credits**

**PSY 7240 Ethics, Professional Issues, and Diversity Cr. 1**

Three separate sections of this course focus on ethical principles as applied to practice, research and teaching, human diversity. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

**Repeatable for 3 Credits**

**PSY 7250 Theory of Personality Cr. 3**

Major approaches to the study of personality. Current psychological research and issues in the field; implications for psychotherapy and assessment. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

**PSY 7270 Research Methods in Clinical Psychology Cr. 3**

Examines a range of methods that address the most commonly asked questions in the science of clinical psychology. Topics include defining research questions, reviewing literatures, designing studies, collecting data, and interpreting data. Specific topics include observational methods, longitudinal designs, clinical trials, program evaluation, mediators and moderators, publishing, and grant writing. Offered Winter.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

**PSY 7290 Diversity, Systems, and Inequality Cr. 3**

Focuses on the impact of diversity, systems, and inequality in the U.S. on the field of psychology. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7300 Psychopathology Cr. 1,2**

Basic psychological concepts of psychopathology with a focus on adult disorders. Current theory and research and their implications for clinical practice. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 3 Credits**

**PSY 7310 Developmental Psychopathology Cr. 3**

Processes of development as they relate to emergence and course of psychopathology from conception through young adulthood; theory and research on major forms of psychopathology with childhood and adolescent onset. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7330 Clinical Neuropsychology Cr. 3**

History of the development of clinical neuropsychology. Current perspectives of theory and empirical foundations of neuropsychological assessment. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7340 Neuropathology and Behavior Cr. 3**

Discussion of the current state of neuropathology and its cognitive consequences. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7370 Psychological Interventions I Cr. 3**

Survey of intervention development, theory and research; focus on empirically-supported individual psychotherapy for adults and evidenced-based therapeutic processes. Offered Fall.

**Prerequisites:** PSY 7300 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7380 Psychological Interventions II Cr. 3**

Survey of intervention development, theory and research; focus on evidence-based interventions for children and adolescents as well as systems (families, groups, communities). Offered Winter.

**Prerequisites:** PSY 7370 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7400 Introduction to Life-Span Developmental Psychology Cr. 3**

Theory, methods and selected content areas; cognitive and social development as they relate to the entire life cycle. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7425 Psychology of Infant Behavior and Development Cr. 3**

Prenatal development and infancy through the toddler years. Major theoretical positions and research relating to motor, perceptual, cognitive, language, social, and emotional development. Implications for parenting, programming, and care. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7430 Developmental Assessment of Infants and Toddlers Cr. 3**

Overview of assessment methods; training in administration of the Bayley Scales of Infant development. No credit after PSY 6470. Offered Yearly.

**Prerequisite:** PSY 6420 with a minimum grade of C or PSY 7400 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7440 Cognitive Development Cr. 3**

Current theoretical perspectives and related research on cognitive development in childhood; topics include cognition, memory, concepts, and language. Offered Intermittently.

**Prerequisite:** PSY 7400 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7450 Social Development Across the Life-Span Cr. 3**

Recent perspectives on the psychological and environmental factors affecting social development across the life-span. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7470 Interdisciplinary Research Methods in Social, Cognitive and Developmental Psychology Cr. 3**

Required of all first-year students in cognitive, developmental, and social psychology. Advanced survey of research design methods and issues across a broad array of social and behavioral fields, including cognitive, developmental, social, and personality psychology. Also covers Master's thesis development and ethical and professional issues. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7500 Research Methods in Industrial/Organizational Psychology Cr. 3**

Analysis of methodology and research design problems in the field of industrial psychology; discussion of professional and ethical problems. Offered Yearly.

**Prerequisite:** PSY 7150 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7510 Criterion Development and Performance Evaluation: Theory and Research Cr. 3**

Nature and kinds of criteria of job performance; development and measurement of criteria; problems and issues in performance evaluation. Offered Yearly.

**Prerequisites:** PSY 7500 with a minimum grade of B (may be taken concurrently) and PSY 7160 with a minimum grade of B (may be taken concurrently)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7520 Selection and Placement: Theory and Research Cr. 3**

Principles in development and evaluation of employee selection procedures; methods for establishing job-relatedness; problems and issues in evaluation and use of employee selection procedures. Offered Every Other Year.

**Prerequisites:** PSY 7500 with a minimum grade of B (may be taken concurrently) and PSY 7160 with a minimum grade of B (may be taken concurrently)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7560 Leadership and Executive Development: Theory and Research Cr. 3**

Selected leadership research studies; theories relating to leadership; principles of training and development. Offered Every Other Year.

**Prerequisite:** PSY 7500 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7570 Industrial Motivation and Morale: Theory and Research Cr. 3**

Meaning of motivation and incentive as used in industry; research methods for study of motivation, job satisfaction, and morale; research data and interpretations in theoretical frameworks. Offered Every Other Year.

**Prerequisite:** PSY 7500 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7590 Industrial and Organizational Psychology Cr. 3**

Lecture, discussion, analysis of articles and chapters, in-class exercises. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7620 Social Psychology: Research and Theory Cr. 3**

Graduate-level introduction to the major theoretical and research areas of social psychology; current issues and research. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7645 Social Psychology of Close Relationships Cr. 3**

Social Psychological theory and research that examines the dynamics of close relationships, including relationship formation, maintenance, enhancement, and dissolution. Offered Every Other Year.

**Prerequisite:** PSY 7620 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 7745 Job Analysis and Performance Criteria Cr. 3**

Job analysis methods, criterion development, and performance appraisal. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy; enrollment is limited to Graduate level students.

**PSY 7750 Organizational Staffing Cr. 3**

Recruitment, screening, and personnel selection. Offered Yearly.

**Prerequisites:** PSY 7745 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy; enrollment is limited to Graduate level students.

**PSY 7770 Testing in the Workplace Cr. 3**

Test development; in-depth discussion of existing tests. Offered Yearly.

**Prerequisites:** PSY 6535 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy; enrollment is limited to Graduate level students.

**Fees:** \$100

**PSY 7780 Industrial/Organizational Psychology Cr. 1**

Approved internship field placement for a period of one semester to two years. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy; enrollment is limited to Graduate level students.

**Repeatable for 4 Credits**

**PSY 7790 Capstone Course Cr. 3**

Special topics in I/O psychology. Students write a major paper or conduct an individual project. Offered Spring/Summer.

**Restriction(s):** Enrollment is limited to students with a major in Industrial/Organizational Psy; enrollment is limited to Graduate level students.

**PSY 7990 Directed Study Cr. 1-9**

For students who wish further study of technical literature of a problem systematically reviewed in a preceding course. Intensive and systematic reading of original literature (particularly journals) dealing with topic or problem. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 9 Credits**

**PSY 7991 Current Topics in Behavioral Neuroscience Cr. 1**

Discussion of current papers in the field. Offered Fall, Winter.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**PSY 7997 Research Problems Cr. 1-8**

Original research under direction of departmental staff. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 32 Credits**

**PSY 8000 Clinical Practicum Cr. 1**

Approved clinical practicum placement. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**PSY 8050 Cognitive Neuroscience Cr. 3**

Concepts and methods used to study neurobiological basis of cognition, covering brain systems involved in perception, attention, memory, language, and decision making, as well as life-span development of brain, cognition and psychopathology. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8060 Functional Neuroanatomy Cr. 4**

Anatomical features of the human nervous system; emphasis on relationship between neural structure and behavior. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Fees:** \$15

**PSY 8065 Neurophysiology and Neural Plasticity Cr. 3**

Physiological and molecular properties of neurons and the relationship of neural plasticity to behavior and development. Offered Every Other Year.

**Prerequisites:** PSY 8060 with a minimum grade of C (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8140 Meta-Analysis Cr. 2-3**

Use of quantitative techniques for summarizing research results in psychology. Offered Spring/Summer.

**Prerequisites:** PSY 8150 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8150 Multivariate Analysis in Psychology Cr. 4**

Extension of the general linear model to multivariate statistical techniques, including: exploratory factor analysis and principal components analysis, confirmatory factor analysis, discriminant function analysis, canonical correlation analysis, and multivariate analysis of variance. Offered Winter.

**Prerequisite:** PSY 7150 with a minimum grade of B

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8170 Structural Equation Modeling Cr. 3**

Practical introduction to structural equation modeling. Offered Yearly.

**Prerequisites:** PSY 7160 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8190 Statistical Analysis of Longitudinal and Nested Data Cr. 3**

Extends the general linear model framework to the analysis of non-independent data including data that is hierarchically nested (persons within groups) and longitudinally nested (time within persons).

Techniques covered include: Multilevel Models, Latent Growth Models, and Survival Analysis. Offered Fall.

**Prerequisite:** PSY 7160 with a minimum grade of B

**Restriction(s):** Enrollment is limited to Graduate level students.

**PSY 8300 Health Psychology I Cr. 3**

Theoretical and empirical review of major topics in behavioral approaches to health and illness, including: 1) theories of health behavior and behavior change; 2) psychological impact of acute and chronic physical illness; and 3) health care utilization including health disparities, patient-provider communication, and psychosocial factors that affect adherence. . Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8340 Clinical Neuropsychological Assessment Cr. 3**

Review of principles and literature on neuropsychological assessment, common neuropsychological tests and test batteries, in context of actual clinical cases. Offered Every Other Year.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8350 Community Psychology Cr. 3**

Current findings, theory, and research in the field of community psychology. Emphasis on current urban problems. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8390 Therapeutic Intervention Practicum Cr. 1**

Students learn to conduct evidence-based psychological interventions with adults, children, couples, and families. Skills taught include how to: a) develop case conceptualizations based on different theoretical models; b) apply techniques from motivational, cognitive-behavioral, relational, psychodynamic, and other therapies; c) develop and maintain the therapeutic alliance; d) track outcomes and modify approach as needed; e) terminate cases; and f) both receive and provide supervision. Unique aspects of intervening for specific clinical conditions or disorders will be covered. Students will present cases based on interventions they conduct in the departmental training clinic. Offered Every Term.

**Prerequisites:** PSY 7380 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 3 Credits**

**PSY 8440 Developmental Neuropsychology Cr. 3**

Neurobiology of development. Topics include: neuroplasticity throughout the life span, maturation of the brain and neural connectivity, neurodevelopment of behavioral, emotional, social and cognitive functions. This course will bridge human behavioral and animal models to illustrate the dexterity and limitations of available scientific methods to study developmental neuropsychology. Offered Intermittently.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment is limited to students in the Department of Psychology.

**PSY 8500 Seminar in Industrial/Organizational Psychology Cr. 1-3**

For industrial/organizational psychology students. Current topics in industrial psychology; content varies. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 15 Credits**

**PSY 8620 Social Cognition Cr. 3**

How mental representations underlie the processes of social thought and behavior. Students survey, evaluate, and discuss social cognition processes and research; group work to design and conduct tests of social-cognitive processes. Offered Every Other Winter.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8630 Motivation Science Cr. 3**

The seminar will revisit some classics and will cover recent work on motivation. It aims to provide basic understanding into the theoretical and empirical developments that have marked the field and that may have the potential to inspire future developments into both the basic and applied areas. Offered Intermittently.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**PSY 8740 Seminar in Psychological Measurement and Statistics Cr. 2-3**

Topics in measurement and statistical analysis; exploratory data analysis and related problems; multidimensional scaling and clustering techniques; time series analysis; analysis of longitudinal data; item response theory and tailored testing; statistical power. Offered Intermittently.

**Prerequisites:** PSY 7160 with a minimum grade of B (must be taken at WSU)

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 9 Credits**

**PSY 8760 Seminar in Clinical Psychology Cr. 1-3**

New clinical methods and scientific developments in the field of clinical psychology. Meets with continuing education seminars in clinical psychology. Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 9 Credits**

**PSY 8999 Master's Thesis Research and Direction Cr. 1-8**

Offered Every Term.

**Restriction(s):** Enrollment is limited to students with a major in Psychology; enrollment is limited to Graduate level students.

**Repeatable for 8 Credits**

**PSY 9990 Pre-Doctoral Candidacy Research Cr. 1-8**

Research in preparation for doctoral dissertation. Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**PSY 9991 Doctoral Candidate Status I: Dissertation Research and Direction Cr. 3-9**

Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 9 Credits**

**PSY 9992 Doctoral Candidate Status II: Dissertation Research and Direction Cr. 1-18**

Offered Every Term.

**Prerequisite:** PSY 9991 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 18 Credits**

**PSY 9993 Doctoral Candidate Status III: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Prerequisite:** PSY 9992 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**PSY 9994 Doctoral Candidate Status IV: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Prerequisite:** PSY 9993 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**PSY 9995 Candidate Maintenance Status: Doctoral Dissertation Research and Direction Cr. 0**

Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.