

Fall 2017
UNC Department of Psychology and Neuroscience
Undergraduate Courses

*For the complete list of undergraduate Psychology courses, please refer to the
[Undergraduate Bulletin*](#)

First-Year Seminars (FYS)

PSYC 054: Families and Children (3)

Instructor: Dr. Shauna Cooper (001)

The course will consider family from a life-course perspective and family influences on child development. Research and theory concerning divorced and step families, single parents, gay and lesbian parents, and family processes that shape children's development will be examined.

PSYC 062: Positive Psychology: The Science of Optimal Human Functioning (3)

Instructor: Dr. Barbara Fredrickson

This course invites students to explore the opportunities presented by the vibrant and emerging field of positive psychology.

PSYC 067: The Senses of Animals (3)

Instructor: Dr. Mark Hollins

This course deals with the sensory systems of animals. A description of the human senses is included, but senses that differ from our own are emphasized. Some treatment of research methods is also included. Classes will be a mixture of lecture, discussion, and student reports.

PSYC 068: Psychology of Emotion (3)

Instructor: Dr. Kristen Lindquist

This first year seminar is designed for students interested in exploring the psychological study of emotion. Topics will include theoretical models of emotion process and structure, as well as a review of research questions about emotional expressions, autonomic physiology, affective neuroscience, emotion and reasoning, emotion and health.

PSYC 071: Plasticity and the Brain (3)

Instructor: Dr. Joseph Hopfinger

This course will introduce you to the recent research and debate regarding neural plasticity and the ability of the healthy adult brain to change. Goals of this course include gaining knowledge of a new area of research in the psychological and neural sciences, developing skills in going beyond general-audience books and media coverage to critically evaluate research sources (scientific journal articles), and presenting your own well-researched ideas in written and oral formats.

Lower-Level Undergraduate Courses (PSYC 100-399)

PSYC 101: General Psychology (3)

Instructor: Dr. Jeannie Loeb (001), Dr. Desiree Griffin (002), & Dr. Charles Wiss (003)

A survey of major principles of psychology and an introduction to scientific modes of thought about behavior. Students participate in ongoing psychological research in the department. PSYC 101 is a prerequisite for all psychology courses.

PSYC 210: Statistical Principles of Psychological Research (3)

Instructor: Dr. Elizabeth Adams (001 & 002)

Prerequisite: PSYC 101

Consideration of the methodological principles underlying psychological research, descriptive and inferential techniques, and the manner by which they may be employed to design psychological experiments and analyze behavioral data. Three lecture hours and one laboratory hour a week.

PSYC 220: Biopsychology (3)

Instructor: Dr. Jeannie Loeb (001), Dr. Sylvia Fitting (002), Ronald Kim (003)

Prerequisite: PSYC 101

Study of the biological basis of behavior. Emphasis will be placed on human findings and applications.

PSYC 222: Learning (3)

Instructor: Dr. David Eckerman

Prerequisite: PSYC 101

Topics in conditioning, verbal learning, memory, and problem solving.

PSYC 225: Sensation and Perception (3)

Instructor: Dr. Vicki Chanon (001) & Adam Smith (002)

Prerequisite: PSYC 101

Topics in vision, audition, and the lower senses. Receptor mechanisms, psychophysical methods, and selected perceptual phenomena will be discussed.

PSYC 230: Cognitive Psychology (3)

Instructor: Dr. Vicki Chanon (001), Giulia Pancani (002), & Dr. Milton Picklesimer (003)

Prerequisite: PSYC 101

Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking.

PSYC 242: Introduction to Clinical Psychology (3)

Instructor: Dr. Desiree Griffin (001) & Arundati Nagendra (002)

Prerequisite: PSYC 101

Overview of clinical psychology: history, scientific basis, and major activities and concerns, including assessment, psychotherapy, and other psychological interventions, community psychology, ethics, and professional practice. Students may not receive credit for both PSYC 242 and 505.

PSYC 245: Abnormal Psychology (3)

Instructor: Dr. Beril Ulku-Steiner (001), Dr. Donald Baucom (002), Danielle Weber (003), & Dr. April Harris-Britt (004)

Prerequisite: PSYC 101

Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment.

PSYC 250: Child Development (3)

Instructor: Dr. Jean- Louis Gariepy (001), Grant Canipe (002), & Bharathi Zvara (003)

Prerequisite: PSYC 101

Study of the development of social and intellectual behavior in normal children and the processes that underlie this development. Emphasis is typically on theory and research.

PSYC 260: Social Psychology (3)

Instructor: Dr. Steven Buzinski (001), Yenping Chang (002), Jason Hannay (003), Jennifer MacCormack (004), & Holly Shablack (005)

Prerequisite: PSYC 101

Introductory survey of experimental social psychology covering attitudes, interpersonal processes, and small groups.

PSYC 270: Laboratory Research in Psychology (4)

Instructor: Dr. Patrick Harrison (001) & Dr. Viji Sathy (002)

Prerequisites: PSYC 101, and 210 or 215

Experiments in biological, behavioral, cognitive, developmental, personality, and social psychology will be discussed, prepared, performed, and reported. One lecture hour and four laboratory hours per week.

PSYC 315: Introduction to Neuroscience (3)

Instructor: Dr. Marsha Penner (001)

Prerequisites: PSYC 101

Neuroscience is a field that seeks to understand the structure and function of the nervous system and brain. This course provides a broad overview of the field. Topics include current methods used in neuroscience, the function of nerve cells, neuroanatomy of the mammalian brain, neuroplasticity, and diseases of the brain.

PSYC 320: Drugs and Human Behavior (3)

Instructor: Dr. Kathryn Reissner (001)

Prerequisites: PSYC 101

This course will examine the use of drugs to alter behavior. Social implications of drug use and methods for preventing and treating drug abuse will also be considered.

PSYC 330: Introduction to Cognitive Science (3)

Instructor: Dr. Peter Gordon (001)

Prerequisites: PSYC 101, and 210 or 215

An introduction to the interdisciplinary study of the mind, intelligent behavior, information processing, and communication in living organisms and computers.

Upper-Level Undergraduate Courses (PSYC 400-699)**PSYC 420: Functional Neuroanatomy (3)**

Instructor: Dr. William Snider (001)

Prerequisites: PSYC 220, 315, BIOL 352, or 455

For advanced undergraduate and graduate students. An introduction to human neuroanatomy, covering function of the neuroanatomy of each major system and relation to neurobehavioral disorders associated with damage to the neuroanatomy of the system.

PSYC 437: Neurobiology of Learning and Memory (3)

Instructor: Dr. Marsha Penner (001)

Prerequisites: PSYC 101 and 220. BIOL 101 recommended.

This course surveys current knowledge about and research into the neurobiological basis of learning and memory. Using a combination of lectures and student-led discussions, we will critically evaluate the molecular, cellular, systems, and behavioral research that strives to explain how the brain learns and remembers.

PSYC 468: Family as a Context for Development (3)

Instructor: Dr. Martha Cox (001)

Prerequisites: PSYC 101 and 250, and 210 or 215

Explores how the family influences children's development. Topics include family theories, genetics, family structure (e.g., single parents, working mothers, divorce), discipline, parent behavior and values and beliefs, fathers and ethnic diversity.

PSYC 471: The Study of Adolescent Issues and Development (3)

Instructor: Dr. Eva Telzer (001)

Prerequisites: PSYC 101, 210, or 215, and 250

The developmental period of adolescence is studied from a multidisciplinary perspective. The course will distinguish among early, middle, and late adolescence and will cover several theoretical perspectives.

PSYC 490: Current Topics in Psychology (3)

Instructor: Dr. Jennifer Arnold

Prerequisites: PSYC 101

How do human minds accomplish the everyday skill of speaking and understanding? This course teaches research methods for studying language processing. In this project-based-learning course, students will learn about current topics in language processing, specifically around the topic of how prediction affects language and comprehension. Students propose an original research question and design and experiment to test it in the field of language processing. The experiments are modeled on studies from the literature and Dr. Arnold's own research. Students learn to use tools to collect and analyze data, as well as how to write, revise, and orally present academic research.

PSYC 493: Internship in Psychology (3)

Instructor: Dr. Steven Buzinski (001)

Prerequisites: PSYC 101 and completion of application process

PSYC 500: Developmental Psychopathology (3)

Instructor: Dr. Eric Youngstrom (001), Dr. Charles Wiss (002), & Dr. Eric Youngstrom (003)

Prerequisites: PSYC 101, 245, and 250

A survey of theories bearing on atypical development and disordered behavior, and an examination of major child and adolescent behavior problems and clinical syndromes.

PSYC 504: Health Psychology (3)

Instructor: Dr. Karen Gil (001 & 002)

Prerequisites: PSYC 101 and PSYC 245

An in-depth coverage of psychological, biological, and social factors that may be involved with health.

PSYC 530: Design and Interpretation of Psychological Research (3)

Instructor: Dr. Viji Sathy

Prerequisites: PSYC 101 and 270

This is a course-based undergraduate research experience (CURE) class in which students will learn about methodological principles underlying psychology through hands-on project work. Students will team up to pose a novel question, gather and analyze data, and report findings on a topic relevant to our campus community. Students can expect to gain scientific skills as well as skills in collaboration and communication.

PSYC 565: Stereotyping, Prejudice, and Discrimination (3)

Instructor: Dr. Keith Payne (001)

Prerequisites: PSYC 101 and 260, and 210 or 215

Examines the determinants, functions, processes, and consequences of stereotyping, prejudice, and discrimination. Prospects for change are considered. Class presentations and participation required.

PSYC 569: Practical Wisdom from Advanced Social Psychology

Instructor: Dr. Kurt Gray (001)

Prerequisites: PSYC 101, 260, and 270

Surveys cutting-edge research across the field of social psychology and how it matters for everyday life. Topics include morality, mind perception, judgment and decision making, happiness, affective forecasting, emotion, relationships, negotiation, personality, free will, stress/health, and religion. Clear communication of research also emphasized through figures, presentations, and papers.

PSYC 571: Social Neuroscience (3)

Instructor: Dr. Keely Muscatell (001)

Prerequisites: PSYC 101 and PSYC 260

How does the brain process social information, and how do our social experiences influence the brain? In this seminar we'll examine how the brain responds to social pains and pleasures, the brain systems supporting our ability to understand other peoples' thoughts and feelings, the neural bases of prejudice and discrimination, and other current topics in the exciting new field of social neuroscience.

PSYC 601: Psychology and Law (3)

Instructor: Dr. Desiree Griffin

Prerequisites: PSYC 101 and 210 or 215

Examines the legal system from the perspective of psychology methods and research, with a focus on criminal law. Discusses dilemmas within the law and between the legal system and psychology.

PSYC 602: Evolutionary Psychology (3)

Instructor: Dr. Charles Wiss

Prerequisites: PSYC 101

Major topics of general psychology are examined from an evolutionary perspective with an emphasis on empirical studies asking why much current human behavior and experience would have been adaptive for our early ancestors.