PSYCHOLOGY (PSYCH)

PSYCH/ASIAN/COUN PSY/ED PSYCH 120 — THE ART AND SCIENCE OF HUMAN FLOURISHING
3 credits.

Explore perspectives related to human flourishing from the sciences and humanities; investigate themes such as transformation, resilience, compassion, diversity, gratitude, community; expand self-awareness, enhanced social connectivity, and ability to change; formulate a sense of what it means to lead a flourishing life that sustains meaningful and fulfilling engagement with studies, relationships, community, and career. Enroll Info: None
Requisites: None
Course Designation: Breadth - Either Humanities or Social Science
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH/SOC 160 — HUMAN SEXUALITY: SOCIAL AND PSYCHOLOGICAL ISSUES
3-4 credits.

Biological, psychological and sociological aspects of sexual relationships and behavior. The course presents theoretical and empirical materials on sexuality throughout the life-course, including childhood, adolescence, adulthood, and later life. Attention is given to gender, religion, education and the law as they relate to sexual expression in society. Enroll Info: Not open to students who have taken Soc/Psych 350
Requisites: Not open to students who have taken SOC/PSYCH 453 (or SOC 350 prior to spring 2018)
Course Designation: Breadth - Social Science
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 202 — INTRODUCTION TO PSYCHOLOGY
3-4 credits.

Behavior, including its development, motivation, frustrations, emotion, intelligence, learning, forgetting, personality, language, thinking, and social behavior. Enroll Info: None
Requisites: Not open to students who have taken PSYCH 201 or PSYCH 281
Course Designation: Breadth - Social Science
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 205 — EXPLORING RESEARCH IN PSYCHOLOGY
1 credit.

Focuses on a wide range of research in psychology at UW-Madison, such as child development, clinical psychology, perception, biological psychology, cognition, and psychological neuroscience. Enroll Info: None
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 210 — BASIC STATISTICS FOR PSYCHOLOGY
3 credits.

Measures of central tendency, variability; probability, sampling distributions; hypothesis testing, confidence intervals; t-tests; Chi-square; regression and correlation (linear) and introduction to analysis of variance (1-way). Enroll Info: Satisfied Quantitative Reasoning (QR) A requirement; PSYCH 201 or 202 or 281 or concurrent enrollment
Requisites: Satisfied Quantitative Reasoning (QR) A requirement and PSYCH 201, 202, or 281 or concurrent enrollment
Course Designation: Gen Ed - Quantitative Reasoning Part B
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 211 — FRESHMAN SEMINAR IN PSYCHOLOGY
3 credits.

The course will introduce students to research methods, theories, findings and current controversies in a focused area of psychology. See Timetable for topics. Enroll Info: None
Requisites: None
Course Designation: Breadth - Natural Science
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2014

PSYCH 225 — RESEARCH METHODS
4 credits.

General characteristics of scientific method; use of experimental, observational, and correlational research designs; research methods used in psychological science; illustration of core issues in research methods taken from several areas of psychology; lecture, demonstration, and experiments. Enroll Info: None
Requisites: Satisfied Communications A requirement, grade of C in PSYCH 202, and grade of C in (PSYCH 210, STAT 302, STAT 324 or STAT 371)
Course Designation: Gen Ed - Communication Part B
Level - Intermediate
L&S Credit - Counts toward the Natural Sci req
Repeatable for Credit: No
Last Taught: Spring 2021
PSYCH 310 — TOPICS IN PSYCHOLOGY: STUDY ABROAD
1-6 credits.

A course carried with a UW-Madison Study Abroad Program which has no equivalent on this campus. Enroll Info: Current enrollment in a UW-Madison study abroad program
Requisites: None
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 1999

PSYCH 311 — ISSUES IN PSYCHOLOGY
1-4 credits.

Topics vary with the instructor. Survey of topical issues. May be repeated. Enroll Info: PSYCH 201, 202, or 281
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 325 — EXPERIMENTAL PSYCHOLOGY FOR GRADUATE STUDENTS
4 credits.

Experimental research techniques and methodology as applied to various areas of psychology; lectures, lab experiments. Grad level of 225. Enroll Info: Grad level of PSYCH 225.
Requisites: Graduate Students Only
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2014

PSYCH/I SY E 349 — INTRODUCTION TO HUMAN FACTORS
3 credits.

Conveys the importance of considering human capabilities and limits in system design and operation. This includes understanding human characteristics from the cognitive, physical, and psychosocial perspectives. Implications of these characteristics are explored through understanding the needs of people, designing to support these needs, and evaluating systems to ensure they serve the intended purpose. Case studies are used to identify the human role in accidents and to identify design improvements. Application domains include consumer product design, human-computer interaction, workplace safety, and complex systems such as healthcare delivery. Enroll Info: None
Requisites: (MATH/STAT 309, STAT 311, 324, 371, PSYCH 210, C&E SOC 360, GEN BUS 303, or concurrent registration), graduate/professional standing, or member of Engineering Guest Students
Course Designation: Breadth - Physical Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 380 — JUNIOR HONORS SEMINAR
1 credit.

Discusses the process of research, provide guidance and feedback about writing about research, and offer opportunities to present research issues and findings. The broader goal is to prepare students to conduct a Senior Honors Thesis. Enroll Info: None
Requisites: PSYCH 225 and declared in College of Letters and Science Honors in the Liberal Arts or Psychology Honors in the Major
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 386 — TOPICS IN PSYCHOLOGY FOR HONORS STUDENTS
1 credit.

Current topics for honors students in psychology. Faculty will lead lecture/discussions about a wide range of topics such as child development, clinical psychology, perception, physiological psychology, and human learning. Enroll Info: 6 cr in psych, incl Psych 201/202 and Soc or cons inst
Requisites: Declared in honors program
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2017

PSYCH 399 — SERVICE LEARNING IN PSYCHOLOGY
1-4 credits.

An independent opportunity to provide experience in community service work relevant to psychology. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020
PSYCH 401 — PSYCHOLOGY, LAW, AND SOCIAL POLICY
3 credits.

Focuses on the role that psychological principles, research evidence and social science play in the laws of U.S. society, especially in the policies and mechanisms of social control of human behavior. The course will address the ways that society defines membership, and the role of psychology in how it determines who should be excluded or restricted from open society, in order to maintain a more civil society. In addition to learning the factual information about how selected processes work in the legal and social context, students will be asked to consider the role they can play as citizens in supporting or changing these social processes. The course will take a particular interest in psycholegal issues "in action" and in learning about the clinical-legal processes used to determine the disposition of individuals considered marginal in society. Finally, the course will address the mechanisms that are used to exclude individuals from open society through criminal and civil court processes, the role of psychology as a science, and the role of psychologists as behavioral experts in criminal and civil courts, and in shaping social policies. Enroll Info: None
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 403 — PSYCHOLOGY OF PERSONALITY
3 credits.

Organization and development of the personality. Enroll Info: PSYCH 201, 202, or 281
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 406 — PSYCHOLOGY OF PERCEPTION
3-4 credits.

Survey the current knowledge about how the brain creates our conscious experience of a surrounding world and of our own bodies. Consider contributions from various approaches, including neuropsychology, psychophysics, computer simulations, perceptual illusions, and patient studies. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 412 — FIELD EXPERIENCE IN PSYCHOLOGY
3 credits.

Practical experience in the application of psychology in an organization serving social, mental health, educational, biological psychology, developmental, or industrial/organizational interests. Readings and discussions in the application of psychology will be required. Completion of PSYCH 225 required before enrolling. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Breadth - Social Science
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

PSYCH 413 — LANGUAGE, MIND, AND BRAIN
3-4 credits.

Cognitive processes and brain mechanisms underlying language use. Topics include language acquisition, production, comprehension, bilingualism, human vs. computer speech perception, reading and dyslexia, human language vs. animal communication, aphasia and other language impairments, and the relationship between language and thought. Enroll Info: None
Requisites: PSYCH 201, 202, 281, LINGUIS 101, or LINGUIS/ANTHRO 301
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 414 — COGNITIVE PSYCHOLOGY
3-4 credits.

How people perceive, learn, remember, plan, solve problems, make decisions, and communicate. The main approach is psychological but will also consider contributions from computer science, linguistics, and neurobiology. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020
PSYCH 428 — INTRODUCTION TO CULTURAL PSYCHOLOGY
3-4 credits.
Cultural underpinning of psychological processes. The course will cover cultural influences on a wide range of psychological processes, including self-perception, motivation, relationship, cognition and perception, and will also deal with acculturation, within-cultural differences and cultural stability and change. Enroll Info: PSYCH 201, 202, or 281
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2019

PSYCH 449 — ANIMAL BEHAVIOR
3-4 credits.
Evolutionary and physiological mechanisms of animal behavior including aggressive, reproductive, communicative, and social behaviors, behavioral development. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 450 — PRIMATES AND US: INSIGHTS INTO HUMAN BIOLOGY AND BEHAVIOR
3 credits.
Evolution from monkey to humans of intelligence, social behavior, emotion, growth, and bodily structure. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH/SOC 453 — HUMAN SEXUALITY
4 credits.
Provides an interdisciplinary introduction to biological, psychological, and sociological aspects of human sexuality. Enroll Info: None
Requisites: Sophomore standing; not open to students who have taken SOC/PSYCH 160
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Summer 2020

PSYCH 454 — BEHAVIORAL NEUROSCIENCE
3-4 credits.
Biological basis of human and animal behaviors, including perception, action, cognition, social interaction and disease. Weekly themes from "Cracking the Neural Code" to "Love and War". Learn, develop and use neural mechanisms to explain and (attempt to) predict what they and others think and do in all facets of life. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 455 — LABORATORY IN BEHAVIORAL NEUROSCIENCE
1 credit.
Introduction to research techniques and experimental methods of physiological psychology. Emphasis on the surgical, histological and electrophysiological techniques for studying the neural mechanisms of behavior. Enroll Info: Psych 201 or 202 or 281; Zoo 101/102 or Zoo/Bot 151/152 or Biocore 301; con reg in PSYCH 454
Requisites: Concurrent enrollment required in PSYCH 454 and PSYCH 455
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2013

PSYCH/SOC 456 — INTRODUCTORY SOCIAL PSYCHOLOGY
3-4 credits.
The systematic study of the individual in a social context, including social interaction, motivation, attitudes, conformity, communication, leadership, personal relationships, and behavior in small groups. Enroll Info: None
Requisites: Sophomore standing and C&E SOC 140, 210, 211, SOC 181, PSYCH 201, 202, 281 or ANTHRO 100
Course Designation: Breadth - Social Science
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 460 — CHILD DEVELOPMENT
3-4 credits.
Biological and behavioral foundations of human development, with an emphasis on experiments and data-driven approaches. Topics will include prenatal development, behavior genetics, motor development, perceptual development, language development, cognitive development, emotional development, social development, and atypical development. Enroll Info: PSYCH 201, 202, or 281
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021
PSYCH 464 — ADULT DEVELOPMENT AND AGING
3 credits.
Physical, cognitive, social, and personality development during the adult years. Enroll Info: PSYCH 201, 202, or 281
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2020

PSYCH 501 — DEPTH TOPIC IN SOCIAL SCIENCE
4 credits.
Provides an in-depth treatment of a specific topic in psychology. Enroll Info: None
Requisites: PSYCH 202
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2017

PSYCH 502 — COGNITIVE DEVELOPMENT
4 credits.
Covers the basics of cognitive development during childhood. Topics include theoretical approaches to cognitive development; perceptual, language, memory, and conceptual development; social cognition; problem solving, and academic performance. Enroll Info: None
Requisites: (PSYCH 201, 202, or 281) and (PSYCH 406, 413, 414, or 460; or 560 prior to Fall 2017)
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2020

PSYCH 503 — SOCIAL DEVELOPMENT
4 credits.
Explores how infants and children perceive, think about, and interact with the social world. Topics include theory of mind, emotions, early social relationships, peer influences, morality and pro-social behavior, aggression, and social categorization. Enroll Info: PSYCH 414, 449, 450, 528, 530 or 560
Requisites: Students must have completed Intro Psych; and must have completed PSYCH 414, 428, 449, 450, 460, or SOC/PSYCH 456 (or SOC 530 or PSYCH 560 prior to Fall 2017); must be a declared Psych major. Students may NOT have taken Psych 411.
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2017

PSYCH 504 — AFFECTIVE NEUROSCIENCE
4 credits.
Focuses on the neural basis of emotion, including how the brain analyzes incoming sensory information, categorizes its motivational value, and initiates an ecologically appropriate response. Enroll Info: None
Requisites: PSYCH 202 and PSYCH 406, 413, 414, 454, or SOC/PSYCH 456 (or SOC 530 prior to Fall 2017)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2014

PSYCH 505 — DEPTH TOPIC IN BIOLOGICAL SCIENCE
3-4 credits.
Provides an in-depth treatment of a specific topic in psychology and biology. Enroll Info: None
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

PSYCH 508 — PSYCHOLOGY OF HUMAN EMOTIONS: FROM BIOLOGY TO CULTURE
4 credits.
Emotional experience affects and defines every facet of our life, but it seems mysterious and unsuitable for scientific inquiry. Explore how and why emotion is not unsuited to scientific research and provides an in-depth examination of research from all sub-disciplines of the field of Psychology. This includes neuroscience and the biological bases of behavior, questions of the developmental curve for emotional phenomena and the relationship between feeling and thinking, and the study of social groups and culture. Readings and discussion attempt to integrate existent theory and research and apply their implications to the individual, the group, and society. Enroll Info: None
Requisites: PSYCH 403, 428, 460, or SOC/PSYCH 453 or 456, or PSYCH/GEN&WS 522
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020
PSYCH 510 — CRITICAL ISSUES IN CHILD PSYCHOPATHOLOGY  
4 credits.
Provides in-depth coverage on the study of common mental disorders of childhood and adolescence. Uses a scientific lens to dive into some of the more controversial issues in the field, rather than focusing on basic definitions and classifications, instead. For instance, what factors have led to the rise in ADHD diagnosis in this country, and around the world? Why aren’t evidenced-based treatments more widely used in mental health settings? Are antidepressants safe for adolescents, and do they actually work? Enroll Info: None  
Requisites: PSYCH 405 or 460 (or PSYCH 509 or 560 prior to Fall 2017)  
Course Designation: Breadth - Social Science  
Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Fall 2020

PSYCH 511 — BEHAVIOR PATHOLOGY: NEUROSES  
3 credits.
The nature, origins, assessment and treatment of neurotic, characterological, and psychosomatic behavioral abnormalities and psychopathology in adults and children. Enroll Info: Psych 201 or 202 or 281. Those who take 511 may not receive credit for 509  
Requisites: Students who have PSYCH 405 (or PSYCH 509 prior to Fall 2017) may not take PSYCH 511  
Course Designation: Breadth - Social Science  
Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Fall 2014

PSYCH 512 — BEHAVIOR PATHOLOGY-PSYCHOSES  
3 credits.
The nature, origins, assessment and treatment of psychotic and organic behavioral abnormalities; emphasis on the experimental analysis of Psychopathology. Enroll Info: Psych 201 or 202 or 281 509 or 511  
Requisites: PSYCH 202 and (PSYCH 405 or 511 (or 509 prior to Fall 2017))  
Course Designation: Breadth - Social Science  
Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Spring 2014

PSYCH 513 — HORMONES, BRAIN, AND BEHAVIOR  
4 credits.
Complex social behavior emerges from the interplay of hormones, the brain and environmental signals. This course is structured to introduce psychology and neurobiology students to how hormones and neurotransmitters shape brain and behavior in animals and humans. We will review the mechanisms by which hormones shape brain sex differences and its consequences on juvenile (i.e. play) and adult behavior. We will discuss how hormones influence sexual behavior using basic animal models, and extend this to human sex differences, including sexual orientation. Additional topics include how hormones shape competitive and affiliative behaviors, eating disorders, and stress and mental health. We will also discuss how individual variation occurs in response to the changing environment and genetic landscape, including epigenetics at an introductory level. Enroll Info: None  
Requisites: PSYCH 202, (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 151, or (BIOCORE 381 and 382)  
Course Designation: Breadth - Either Biological Science or Social Science  
Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Spring 2021

PSYCH 520 — HOW WE READ: THE SCIENCE OF READING AND ITS EDUCATIONAL IMPLICATIONS  
4 credits.
Reading is one of the most advanced expressions of human intelligence, involving language, vision, memory, learning, thinking and other capacities. This course is an in-depth introduction to scientific studies of reading, which examine how reading relates to spoken language, how people learn to read, the processes involved in skilled reading, the causes of reading impairments (dyslexia), and the brain bases of reading. The course will also examine whether this science can help to address America’s literacy problem. Many people (about 30% of the population) are unable to read or read poorly. How can reading science be brought to bear on this problem, which is of enormous importance to both the affected individuals and society? Enroll Info: None  
Requisites: (PSYCH 201, PSYCH 202, or PSYCH 281) and (PSYCH 406, PSYCH 413, PSYCH 414, or PSYCH 460 (old 560); not open to students who have taken PSYCH 402)  
Course Designation: Breadth - Social Science  
Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Fall 2017
PSYCH 521 — THE STRUCTURE OF HUMAN THOUGHT: CONCEPTS, LANGUAGE AND CULTURE
4 credits.

This class will take you on a tour of how humans conceptualize the world, focusing on the role of language in thought. We will begin by discussing the evolution of language and how it relates to other communication systems used by humans and nonhuman animals. We will then discuss the relationship between language, culture, and cognition in domains as varied as mathematics, visual perception, spatial navigation, and theory of mind. In the process, we will tackle questions such as: What is the role of language in making us human? Can speaking a particular language allow the speakers to better adapt to their environment? Can we create new languages to improve human thought? We will also address such issues as metaphors in political discourse and propaganda, and the role of information technologies in the spread of ideas. This class will draw heavily on empirical research in cognitive and developmental psychology as well as neuroscience. Enroll Info: Psych 201 or PSYCH 202 or Psych 281; and Psych 402 or PSYCH 413 or PSYCH 414 or Psych 560
Requisites: (PSYCH 201, 202, or 281) and (PSYCH 406, 413, 414, or 460; or 560 prior to Fall 2017)
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH/GEN&WS 522 — PSYCHOLOGY OF WOMEN AND GENDER
3 credits.

Examination of theories and research on the psychology of women and gender. Explores topics such as sex bias in psychological research; psychological aspects of female sexuality and reproduction; gender-based violence; female achievement and power; lifestyle choices of women; women and mental health; and psychological research with transgender individuals. Enroll Info: None
Requisites: Sophomore standing, a course in PSYCH and (GEN&WS 102 or 103) or graduate/professional standing
Course Designation: Breadth - Social Science
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH/ZOOLOGY 523 — NEUROBIOLOGY
3 credits.

Basic mechanisms in cellular neurophysiology: electrophysiology and chemistry of nerve signals, mechanisms in integration, simple nervous pathways and their behavioral correlates. Enroll Info: None
Requisites: (ZOOLOGY/BIOLOGY/BOTANY 151, ZOOLOGY/BIOLOGY 101, or BIOCORE 485) and (CHEM 104, CHEM 109, or CHEM 116)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 525 — COGNITION IN HEALTH AND SOCIETY
4 credits.

Topics from cognitive psychology shed light on current issues in health and society. Topics include attention, memory, categorization, reasoning, decision making and problem solving. Issues include distracted driving, traumatic brain injuries, anxiety, dementia, eyewitness testimony, stereotype, and individual differences (e.g., autism spectrum disorders and expertise). It will focus on how experimental results and formal theories from each topic can be applied to understand current issues better and improve people’s lives. Enroll Info: None
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 526 — THE CRIMINAL MIND: FORENSIC AND PSYCHOBIOLOGICAL PERSPECTIVES
4 credits.

Criminal behavior is an extremely common and costly problem for society. The goal of the course is to provide an indepth understanding of criminal psychology and the relevant forensic and psychobiological processes in the field. Enroll Info: PSYCH 507, PSYCH 405 (old 509), PSYCH 511, PSYCH 512, or SOC/PSYCH 456 (old 530)
Requisites: PSYCH 403 (507 prior to spring 2018), PSYCH 405 (509 prior to fall 2017), or SOC/PSYCH 456 (530 prior to fall 2017)
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 532 — PSYCHOLOGICAL EFFECTS OF THE INTERNET
4 credits.

Googling the question, “How is the Internet changing the way we think?,” renders no shortage of opinions - or fears. In this course, students will examine empirical evidence for whether the Internet is changing the way we learn, communicate, socialize, attend, develop, and age. Students will read and synthesize original research literature, which will be augmented with readings and videos from the popular press. Enroll Info: PSYCH 201, 202 or 281
Requisites: PSYCH 202 (or 201 or 281 prior to Spring 2018)
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021
PSYCH/I SY/E 549 — HUMAN FACTORS ENGINEERING
3 credits.

Analysis and design of man-machine systems using human performance models and data. Emphasis on systems involving communication and control. Projects using digital and analog computer simulation techniques for system design. Enroll Info: None
Requisites: I SY/E/PSYCH 349, graduate/professional standing, or member of Engineering Guest Students
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 601 — CURRENT TOPICS IN PSYCHOLOGY
3 credits.

Special topics in Psychology at the advanced undergraduate level. May be repeated for credit with different titles. Enroll Info: None
Requisites: PSYCH 225 or PSYCH 285
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 602 — INTERMEDIATE STATISTICS FOR PSYCHOLOGY
3 credits.

Principles of psychological measurement and test theory, including reliability, validity, and test construction. Introduction to correlation, multiple regression, factor analysis, and other data analytic principles. Enroll Info: None
Requisites: PSYCH 210, SOC/C&E SOC 360, STAT 371, or GEN BUS 303
Course Designation: Breadth - Social Science
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2019

PSYCH 603 — EPIGENETICS AND THE BRAIN
3 credits.

Explore nature versus nurture by understanding gene by environmental interactions. Study how the environment and our behavior can modify our genome (epigenetics). Focus on how our behavior and overall health can be shaped by markings on our DNA, and how these markings may be passed onto future generations. Enroll Info: None
Requisites: (PSYCH 454 or 523) and PSYCH 225, BOTANY/BIOLOGY/ZOOLOGY 152, or BIOCORE 383 and 384
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 606 — HORMONES AND BEHAVIOR
3 credits.

A survey of human and subhuman research findings relating behavioral events to endocrine function. Topics include stress, psychosis, intellectual development, memory, gender-identity differentiation, reproductive behavior, aggression, preceded by a review of basic and clinical endocrinology. Enroll Info: None
Requisites: PSYCH 225 and 454
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2015

PSYCH 607 — INTRODUCTION TO CLINICAL PSYCHOLOGY
3 credits.

Methods, rationale, and empirical foundations of clinical psychology. Enroll Info: None
Requisites: PSYCH 225
Course Designation: Breadth - Social Science
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

PSYCH 610 — DESIGN AND ANALYSIS OF PSYCHOLOGICAL EXPERIMENTS I
4 credits.

Reliability, validity, one-sample t-test, independent-samples t-test, simple and multiple regression, effect size indicators, analysis of variance (ANOVA), analysis of covariance (ANCOVA), case analysis, model assumptions, transformations, polynomial regression, simple mediation, and moderated mediation. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH/NEURODPT/NTP 611 — SYSTEMS NEUROSCIENCE
4 credits.

Introduction to the anatomy and physiology of the mammalian nervous system. Lectures will cover the neuroanatomy of the major subdivisions of the human brain, the major sensory and motor systems, and higher order functions. Lab/discussion sections will emphasize readings from the primary literature and hands-on dissections. Enroll Info: None
Requisites: NEURODEPT 610 or graduate/professional standing
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021
PSYCH 612 — NEUROPHARMACOLOGY
3 credits.
Comprehensive review of the field of behavioral neuropharmacology, focusing on methodology, major neurotransmitter systems, critical evaluation of experimental evidence regarding behavioral functions of these transmitter systems and drugs used to treat mental illness. Enroll Info: None
Requisites: (PSYCH 454 or 523) and PSYCH 225, BOTANY/BIOLOGY/ZOOLOGY 152, or (BIOCORE 383 and 384)
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

PSYCH/ANTHRO/NTP/ZOOLOGY 619 — BIOLOGY OF MIND
3 credits.
Origins and structures of mind, brain, and consciousness. Transitions from early mammalian through primate to hominin intelligence. Genetics and plasticity in brain development. Modern studies of human brain mechanisms and consciousness. Enroll Info: Jr st; college level elem crse in biology or psych
Requisites: Junior standing; not open to special students
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2018

PSYCH 620 — CAPSTONE MENTORED RESEARCH AND SEMINAR
1-6 credits.
In this course, students will develop an understanding of primary research in a topic area and will participate in designing and conducting research that challenges and/or extends current understanding of the topic. Course reading will include published research studies relevant to the selected topic, and evaluation will include presentations in group meetings and or a paper based on the research conducted. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2015

PSYCH 621 — MENTORED RESEARCH AND SEMINAR
1-6 credits.
In this course, students will develop an understanding of primary research in a topic area and will participate in designing and conducting research that challenges and/or extends current understanding of the topic. Course reading will include published research studies relevant to the selected topic, and evaluation will include presentations in group meetings and or a paper based on the research conducted. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH/I SYE 652 — SOCIOTECHNICAL SYSTEMS
3 credits.
Sociotechnical systems theory with applications to the design of organizations and jobs. Open systems and organizational environments. Analysis of the technical and social systems and techniques for "whole" system consideration. Organizational design strategy. Field site analyses by student teams. Enroll Info: None
Requisites: I SYE/PSYCH 349, graduate/professional standing, or member of Engineering Guest Students
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2011

PSYCH/I SYE 653 — ORGANIZATION AND JOB DESIGN
3 credits.
Design of productive organizations and people's roles within them. Issues including boundary location, organizational decision levels, autonomous work groups, implementation and diffusion. Roles of the union. Case studies. Enroll Info: None
Requisites: I SYE/PSYCH 349, graduate/professional standing, or member of Engineering Guest Students
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH/NEURODPT/ZOOLOGY 674 — BEHAVIORAL NEUROENDOCRINOLOGY SEMINAR
2 credits.
Behavior results from a complex interplay among hormones, the brain, and environmental factors. Behaviors and their underlying neural substrates have evolved in response to specific environmental conditions, resulting in vast species diversity in behavioral and neuroendocrine solutions to environmental problems. Designed to explore the primary literature on the neuroendocrine underpinnings of behavior spanning from feeding to sex differences in complex social behaviors. A range of taxonomic groups will be discussed, including (but not limited to) mammals, birds, and fish. Enroll Info: None
Requisites: ZOOLOGY/BIOLOGY 101, ZOOLOGY/BIOLOGY/BOTANY 151, BIOCORE 383 or graduate/professional standing
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2019

PSYCH 681 — SENIOR HONORS THESIS
3 credits.
Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Spring 2021
PSYCH 682 — SENIOR HONORS THESIS
3 credits.

Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 686 — HONORS SEMINAR IN PSYCHOLOGY
1 credit.

Enroll Info: None
Requisites: Concurrent enrollment in PSYCH 681 or 682
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 691 — UNDERGRADUATE THESIS
1-6 credits.

Undergraduate research including completion of a thesis. Recommended for those intending to do graduate work in psychology. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 692 — UNDERGRADUATE THESIS
1-6 credits.

Continuation of 691. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 693 — ANIMAL BEHAVIOR PROBLEMS
1-12 credits.

Repeatable to a maximum of 12 credits. Individual experimental studies. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 694 — PROBLEMS IN DEVELOPMENTAL PSYCHOLOGY
1-12 credits.

Repeatable to a maximum of 12 credits. Independent problems under supervision. Enroll Info: Cons inst Psych 560 /or 561
Requisites: Consent of instructor
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Summer 2014

PSYCH 695 — PROBLEMS IN CLINICAL PSYCHOLOGY
1-12 credits.

Repeatable to a maximum of 12 credits. Individual experimental studies. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2016

PSYCH 697 — PROBLEMS IN HUMAN BEHAVIOR
1-12 credits.

Repeatable to a maximum of 12 credits. Independent work under supervision. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2015

PSYCH 699 — DIRECTED STUDY
1-3 credits.

Enroll Info: Jr or Sr st, and cons inst
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 701 — PROSEMINAR IN EXPERIMENTAL PSYCHOLOGY
1 credit.

Introductions to various aspects of experimental psychology such as sensory, learning, motivation, and experimental methodology. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021
PSYCH 703 — PROSEMINAR IN SOCIAL PSYCHOLOGY
1 credit.
Weekly discussion of current topics in social psychology, especially as illustrated by the planned and ongoing research of the graduate students and faculty in social psychology. Recent journal articles will also be discussed. Enroll Info: Admission to grad prog in soc psych. Others with cons soc psych area group chair. Req of all grads in soc psych
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 704 — PROSEMINAR IN CLINICAL PSYCHOLOGY
1 credit.
Research and theoretical presentations by all class members as well as discussions and research critiques. Discussion of research articles. Six semesters of this course are required for all clinical graduate students. Enroll Info: Admission to Grad prgm in clinical psych
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 706 — PROSEMINAR IN DEVELOPMENTAL PSYCHOLOGY
1 credit.
Weekly discussion of current topics in developmental psychology, especially as illustrated by the planned and ongoing research of the graduate students and faculty in developmental psychology. Recent journal articles will also be discussed. Enroll Info: Grad st in psych or related field, or cons inst
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 707 — PROSEMINAR IN BIOLOGICAL PSYCHOLOGY
1 credit.
Topical research-oriented presentations and discussions in the area of biological psychology. Each week the seminar will be led by a faculty member or advanced student in the biological psychology area group of the Department of Psychology. Enroll Info: None
Requisites: Declared in Psychology PhD program
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 709 — PROSEMINAR IN DATA SCIENCE IN HUMAN BEHAVIOR
1 credit.
Discussion of current topics in human behavioral data science, including discussion of planned capstone projects, discussion of recent journal articles, training and practice in scientific communication to various stakeholders, and professional development activities. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

PSYCH 710 — DESIGN AND ANALYSIS OF PSYCHOLOGICAL EXPERIMENTS II
4 credits.
Statistical power, paired-samples t-test, within-subjects ANOVA, mixed models, mediation in within-subjects designs, contrast analysis (= the analysis of categorical predictors with 3 or more levels), multilevel modeling, linear mixed-effects models, restricted maximum likelihood, signal detection theory, logistic regression, exploratory factor analysis, missing data. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 711 — CURRENT TOPICS IN PSYCHOLOGY
2-3 credits.
Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 715 — LANGUAGE AND COGNITIVE DEVELOPMENT
3 credits.
The development of language and cognition with an emphasis on the review of research and theory. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2014
PSYCH 720 — ESSENTIALS OF COGNITIVE NEUROSCIENCE
3 credits.

Provides a broad overview of principles that underlie our understanding of how the structure and function of the brain give rise to cognition and intelligent behavior, and of the methods with which cognitive neuroscience research is carried out. The content covered can be summarized as neuroscience with direct implications for understanding the neural bases of human behavior, and will include anatomical, cellular, systems, behavioral, neuropsychological, and computational levels of analysis. The emphasis will be on domains of behavior traditionally covered by cognitive psychology and neurology, but with explicit consideration, when applicable, of implications for understanding affect, social behavior, and psychopathology. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 728 — CLASSIC ISSUES IN SOCIAL PSYCHOLOGY
3 credits.

A broad survey of theories and research from the field of social psychology. Areas may include: attitudes and attitude change, conformity and compliance, altruism, attribution theory. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH/COUN PSY/RP & SE 729 — ADVANCED SOCIAL PSYCHOLOGY
3 credits.

Intensive examination of theoretical conceptions in contemporary social psychology, including learning-theoretic, reinforcement, incentive, cognitive, and psychodynamic approaches, and research in selected topic areas reflecting these approaches, such as aggression, attitude formation and change, conformity, limitation and modeling, interpersonal attraction, perception of others, prosocial behavior, and social influence. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 733 — PERCEPTUAL AND COGNITIVE SCIENCES
2 credits.

Lectures on current approaches to perceptual and cognitive sciences. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2015

PSYCH 740 — CLINICAL I: ASSESSMENT, ETIOLOGY, AND TREATMENT
1 credit.

Lectures on current approaches to assessment, etiology, and treatment of topic material. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

PSYCH 741 — CLINICAL II: ASSESSMENT, ETIOLOGY, AND TREATMENT
1 credit.

Lectures on current approaches to assessment, etiology and treatment of topic material. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

PSYCH 750 — PROGRAMMING FOR HUMAN BEHAVIORAL DATA SCIENCE
3 credits.

Foundations in programming fundamentals, emphasizing tools and techniques as utilized in human behavioral data science. Enroll Info: None

Requisites: Declared in Psychology: Human Behavioral Data Science MS or Psychology PhD
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PSYCH 752 — APPLIED MACHINE LEARNING FOR BEHAVIORAL DATA SCIENCE
3 credits.

Introduction to computational approaches in machine learning for the behavioral sciences. Enroll Info: None

Requisites: PSYCH 610 and graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 755 — ENVIRONMENTS AND TOOLS FOR LARGE-SCALE BEHAVIORAL DATA SCIENCE
3 credits.

Provides students with knowledge and experience conducting large-scale behavioral data science projects, independently and in collaboration with others, using a variety of contemporary software tools and environments. Enroll Info: None

Requisites: PSYCH 750 and 752
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
PSYCH/COMP SCI/ED PSYCH 770 — HUMAN-COMPUTER INTERACTION
3 credits.

Principles of human-computer interaction (HCI); human subjects research methods and procedures, qualitative and quantitative data analysis; and semester-long research project situated in critical domains of HCI, including applications in ubiquitous, affective, assistive, social, and embodied computing. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 776 — TEACHING OF PSYCHOLOGY
1-3 credits.

Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Summer 2018

PSYCH 790 — CAPSTONE I
5 credits.

Preparation for the applied capstone project, including identifying the project primary literature, relevant tools, and software and communicating these ideas and plans to relevant stakeholders. Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PSYCH 791 — CAPSTONE II
3 credits.

Conduct applied capstone project, including identifying the project primary literature, relevant tools, and software and communicating these ideas and plans to relevant stakeholders. Enroll Info: None

Requisites: PSYCH 790
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

PSYCH 799 — INDEPENDENT READING
2-3 credits.

Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2018

PSYCH 800 — COGNITIVE & NEUROPSYCHOLOGICAL ASSESSMENT FOR DIAGNOSIS
2 credits.

Introduction to the major approaches and techniques used in the psychological assessment of cognitive functioning of children, adolescents, and adults, with special emphasis on intellectual evaluation. Other cognitive areas to receive focus include; attention, memory, executive function, language, and academic achievement. Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2018

PSYCH 802 — ASSESSMENT OF PSYCHOPATHOLOGY & PERSONALITY
2 credits.

This course will introduce the use of structured and semi-structured interviews typically used in psychodiagnostic settings, including research. The assessment of major/common psychopathologies and personality diagnosis will be covered. Additionally, several of the most commonly used clinical self-report and personality measures will be introduced (e.g., PAI, MMPI, BASC). Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2018

PSYCH 803 — ADVANCED TECHNIQUES IN PSYCHOTHERAPY
3 credits.

An overview of empirically supported psychotherapeutic movements and their associated history, philosophical underpinnings, and techniques. Oriented toward the theoretical perspective, basic tenets, and the practical techniques/skills of each psychotherapy. Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 805 — FIELD WORK IN CLINICAL PSYCHOLOGY
1-3 credits.

Supervised field work in practical clinical situations. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH 806 — PRINCIPLES OF PSYCHOTHERAPY RESEARCH
2 credits.

Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2019
PSYCH 807 — INTRODUCTION TO CONDUCTING PSYCHOTHERAPY
3 credits.
Introduces and allows practice with the skills needed to conduct individual psychotherapy using a cognitive behavioral approach. Includes interviewing skills, planning and initiating CBT interventions, and the administrative demands of clinical practice. Also includes conducting psychotherapy and participating in individual and group supervision of those therapeutic contacts. During supervision, the client’s issues, goals, and progress, will be discussed, as well as the clinician’s professional presentation, therapeutic approach and techniques, and communication skills. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 808 — CULTURE & DIVERSITY IN CLINICAL PRACTICE I
2 credits.
Becoming competent in working with diverse populations in psychotherapy is a complex interaction of many dimensions that involve broad theoretical, conceptual, research, and practice issues. This course aims to build multicultural competencies by increasing students’ knowledge of ethnic, race, gender, sexual identity, religious affiliation, and age differences that contribute to each individual course of therapy. Applied examples of this “knowledge in practice” will be presented throughout the course via video examples of expert therapists. Culture Diversity I focuses on introducing the concepts of multicultural counseling and assessment, and more specifically on the diversity characteristics of race, ethnicity, and sexual orientation. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2018

PSYCH 809 — ETHICAL AND LEGAL ISSUES IN CLINICAL PRACTICE I
2 credits.
An introduction to the legal and ethical issues inherent to the conduct and process of professional clinical psychology. Reviews selected theories of moral philosophy, the American Psychological Association (APA) Ethical Principles and Codes of Conduct for Psychologists, other APA Standards and Guidelines and Wisconsin legal statutes governing the practice of psychology. Integrated with group case discussions and students. Use this as a forum to discuss ethical and legal issues pertinent to their ongoing clinical cases. Focuses on introducing ethical principles; Wisconsin statutes; ethics and legal obligations when clients report suicidal or homicidal thoughts/actions; reporting of neglect and abuse; and record keeping. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2020

PSYCH 810 — CLINICAL SUPERVISION, CONSULTATION, & COMMUNITY PSYCHOLOGY I
2 credits.
Introduction to supervision and consultation as unique practices. Focuses on purposes of clinical supervision and consultation, theoretical frameworks and models of supervision and consultation, the roles and relationships related to clinical supervision and consultation, and legal, ethical and multicultural issues associated with clinical supervision and consultation. Also includes skill development in building a working alliance with a supervisee; providing developmentally appropriate performance feedback; planning and communicating strategies to develop rapport and motivation to solve problems in clients; negotiation and mediation to reach consensus and move past barriers; understanding and appreciating the diverse cognitive, behavioral, and effective characteristics of supervisees; applying theoretical material to case presentations and related experiential activities. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

PSYCH 811 — COGNITIVE BEHAVIOR THERAPY
1 credit.
This course examines the theory and practice of Cognitive Behavior Therapy (CBT). Students will examine the core issues of CBT from both theoretical and applied perspectives through case conceptualization exercises, role-plays, and application of CBT exercises to themselves. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH 812 — CULTURE & DIVERSITY IN CLINICAL PRACTICE II
2 credits.
Becoming competent in working with diverse populations in psychotherapy is a complex interaction of many dimensions that involve broad theoretical, conceptual, research, and practice issues. Build multicultural competencies by increasing knowledge of ethnic, race, gender, sexual identity, religious affiliation, and age differences that contribute to each individual course of therapy. Applied examples of this “knowledge in practice” will be presented throughout the course via video examples of expert therapists. Focuses on the diversity characteristics of sexual identity, social class, age, and disability status. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2019
PSYCH 813 — ETHICAL AND LEGAL ISSUES IN CLINICAL PRACTICE II
2 credits.

Advanced discussion of a clinical psychologist’s ethical and legal obligations. Reviews selected theories of moral philosophy, the American Psychological Association (APA) Ethical Principles and Codes of Conduct for Psychologists, other APA Standards and Guidelines and Wisconsin legal statutes governing the practice of psychology. Integrated with PRTC group case discussions. Also acts as a forum to discuss ethical and legal issues pertinent to ongoing clinical cases. Topics also include a more in-depth examination of the ethical and legal responsibilities of psychotherapists; ethics in academic settings; liability and duties when supervising trainees; appropriate collegial and client relationships; forensic psychology; and the business of mental health including ethical marketing practices. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2017

PSYCH 814 — CLINICAL SUPERVISION, CONSULTATION, & COMMUNITY PSYCHOLOGY II
2 credits.

Advanced exploration of supervision and consultation that builds on supervisory skills. A highly experiential course; requires active engagement in the provision of psychotherapy services. Present materials from therapy sessions with clients in both small and large group situations. Continue the peer supervision relationships that were assigned in the previous semester, both as the supervisor and the supervisee. Evaluate and provide feedback of your own and your peers’ supervisory performance. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2018

PSYCH/BM/I/COMP SCI 841 — COMPUTATIONAL COGNITIVE SCIENCE
3 credits.

Studies the biological and computational basis of intelligence, by combining methods from cognitive science, artificial intelligence, machine learning, computational biology, and cognitive neuroscience. Requires ability to program. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

PSYCH/I SYE 854 — SPECIAL TOPICS IN ORGANIZATION DESIGN
1-3 credits.

Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020

PSYCH/I SYE 859 — SPECIAL TOPICS IN HUMAN FACTORS ENGINEERING
1-3 credits.

Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH/ANTHRO 906 — METHODS AND HYPOTHESIS-TESTING FOR BEHAVIORAL ECOLOGISTS
1-3 credits.

A detailed overview of field methods for behavioral ecologists, focusing specifically on behavioral and ecological sampling techniques. It addresses the challenging process of situating an empirical study within the context of theoretical paradigms. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020

PSYCH 910 — SEMINAR-PSYCHOMETRIC METHODS
2-3 credits.

Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2012

PSYCH 913 — SEMINAR - HISTORY OF PSYCHOLOGY
2-3 credits.

Overview of the history of psychology and its relevance to current issues in the discipline. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2013

PSYCH 918 — SEMINAR-GENERAL PSYCHOLOGY
1-3 credits.

Enroll Info: Grad st prev cons inst
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020
PSYCH 930 — SEMINAR-SOCIAL PSYCHOLOGY
2-3 credits.

Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

PSYCH/GEN&WS 932 — PSYCHOLOGY OF WOMEN AND GENDER
3 credits.

Examines research and theory in psychology of women and gender. Topics include feminist approaches to research methods, psychological gender differences and similarities, women of color, mental health and feminist therapy, rape, sexual harassment, transgender issues and research, and public policy issues. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2012

PSYCH/ENTOM/ZOOLOGY 950 — INTERDISCIPLINARY SEMINAR IN ANIMAL BEHAVIOR
1 credit.

Research methods in animal behavior studies in many disciplines. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2013

PSYCH 954 — SEMINAR-PHYSIOLOGICAL PSYCHOLOGY
2-3 credits.

Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020

PSYCH 990 — RESEARCH
1-12 credits.

Independent experimental, observational, or statistical investigation under the supervision of a staff member. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

PSYCH/COUN PSY/ED PSYCH/RP & SE 995 — PREDOCTORAL INTERNSHIP
0 credits.

Registration for Ph.D. students who have successfully defended the dissertation and are in the process of completing the required predoctoral internship. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021