

Fall 2024 PSYCH Grad Class Offerings

Course	Fac	Title	Instructor	Class Description
502A1	Arts	Professional and Ethical Issues	C Dickson	
505A1	Sci	Topic: Cog Neuroscience of Attention	Hayward (403)	In spite of the abundance of attention research, there is still much that is unknown about this fundamental cognitive process. In this course, we will critically read and discuss primary research articles covering the history of attention research, contemporary theories of attention, the various aspects of attention, methods used to study attention, dysfunctions of attention, the development of attention, and links between attention and other cognitive processes, such as memory and consciousness. Two main learning objectives are (1) to master the material on attention within the course, and (2) to master the ability to critically read and think about the material throughout the course. By the end of the course, you should understand the many-pronged nature of attention, its relationship with other sensory/cognitive processes, how dysfunctional attention presents, and research methodology used to measure attention.
505A2	Sci	Topic: Animal Cognition	Guillette (403)	In this cross-listed (undergraduate/graduate) course, we examine how scientists (e.g., psychologists and behavioural ecologists) test animal cognition. This is a seminar-style course where we discuss current topics in animal cognition, paying special attention to methodology used in both the field and in controlled laboratory settings to examine the biological relevance/evolution and mechanisms that underpin cognitive abilities in non-human animals (and perhaps non-verbal human infants and even learning in plants). The main focus of this course will be discussion-based pedagogy to enable critical thinking and maximize communication among students/professor. What to expect: No formal power points lectures will be delivered by the Professor, rather, we work as a team via group discussions with a focus on articulating and communicating critical thinking/analysis skills.
505A3	Sci	Topic: Replication Crisis	Caplan (403)	The Replication Crisis is a hot-button term that has gotten some people riled up and other people defensive. It has been used to hold people to account and to dismiss swaths of research. The goal of this seminar is to have thoughtful, considered discussions based on readings from multiple perspectives to develop a balanced view of the various phenomena the term evokes. This includes file-drawer problems, selective reporting, publication bias, replication attempts, pre-registration and data-sharing, as well as social and cultural factors that inform these topics. We will discuss the statistics and mathematical methods for identifying publication bias in a field. If all goes well, we will end up with a nuanced understanding of both real and exaggerated problems and a repertoire of practices we can draw upon and adapt to our own research values and style.
505A4	Sci	Aging, Cognitive Impairment & Alzheimer's	R Dixon (403)	This course focuses on Alzheimer's disease (AD), the most prevalent of a cluster of related neurodegenerative diseases. It includes attention to the (a) often "silent signals" of clinical transitions that can precede a diagnosis by up to two decades, (b) lifelong exposures and accumulation of multiple factors that elevate AD risk, (c) epidemiological and public health implications, (d) major research approaches and international studies, and (e) issues of early detection, onset delay, risk management, prevention, and treatment.
505A5	Sci	Topic: Qualitative Mthds in SocialCult Psych	Sharp (415)	Introduces basic concepts, assumptions, and methods used in conducting and interpreting qualitative research in Psychology. Students will be introduced to qualitative forms of data and data management and will begin to learn about assumptions and principles that inform qualitative research, procedures for gathering meaningful qualitative data, and procedures for analyzing and interpreting these data. Fulfillment of the 3-hour lab component typically involves the completion of analysis assignments.
505A6	Sci	Topic: Soc & Emot Effects of Stroke	Colbourne (403)	This course introduces you to the cognitive, social and emotional impact of stroke. Our focus is largely on current clinical research, including the effects of stroke and treatment approaches (e.g., impact of depression and treatment for it).
531A1	Sci	Psych Research I	Wiebe	
541X01	Arts	Advanced Social and Cultural Psychology I	Noels	

543A1	Arts	Advanced Cultural Psychology	Baerveldt	In-depth review of the theoretical and methodological bases of cultural psychology, with a focus on specific topics or issues in cultural psychology. Prerequisite: None.
600A1	Arts	Individual Studies	Please contact psygrad@ualberta.ca to register with your supervisor's permission.	
18 March 24 KAB				