

***COURSE SELECTION PANEL
WINTER 2020***

MPSA

WHAT IS THIS SEMINAR AND PANEL ABOUT?

- Alleviate your course selection stress
- Opportunity to ask us questions about Psychology at McGill
- Get advice and tips on the courses we have taken

WHAT IS THIS SEMINAR AND PANEL NOT ABOUT?

- Courses not under Psychology degree
- Specific career, grad school, and research questions
- Personalized degree planning and advising

For these type of advising questions you can email:

- **Paolo Carvajal** paola.carvajal@mcgill.ca
- **Julia Marussi** julia.marussi@mail.mcgill.ca

WHAT WE HAVE TAKEN...

LIST A

- NSCI 201
- PSYC 403
- PSYC 529
- PSYC 302
- PSYC 427
- PSYC 541
- PSYC 315
- PSYC 433
- PSYC 545
- PSYC 318
- PSYC 444
- PSYC 341
- PSYC 506

LIST B

- PSYC 333
- PSYC 535
- PSYC 408
- PSYC 412
- PSYC 471
- PSYC 473
- PSYC 528

LIST A CLASSES

*Behavioural Neuroscience, Cognition, and
Quantitative Methods*

PSYC 302 – The Psychology of Pain

Instructor: Jeffrey Mogil

Course Description: An introduction to pain research and theory, with emphasis on the interactions of psychological, cultural and physiological factors in pain perception. The role of these factors in clinical pain and its management by pharmacological and non-pharmacological means will be discussed.

Prerequisites: any of: NSCI 201, PSYC 211, PSYC 212 or permission of instructor.

PSYC 315 – Computational Psychology

Instructor: Thomas R Shultz

Course Description: Application of computational methods to the simulation of psychological phenomena. Comparison of natural and artificial intelligence. Symbolic and neural network techniques. Methods for evaluating simulations.

Prerequisites: 15 credits in any of Psychology, Cognitive Science, Biology, Mathematics and Statistics, Computer Science, or Neuroscience

Restriction: Not open to U0 or U1 students.

PSYC 403– Modern Psychology in Historical Perspective

Instructor: Zbigniew Pleszewski

Course Description: A survey of the scientific and ideological influences of psychology from its philosophical beginnings through the period of the schools to its modern situation.

PSYC 433 – Cognitive Science

Instructor: Anthony Otto

Course Description: The multi-disciplinary study of cognitive science, exploring the computer metaphor of the mind as an information-processing system. Focus on levels of analysis, symbolic modeling, Turing machines, neural networks, as applied to topics such as reasoning, vision, decision-making, and consciousness.

Prerequisites: PSYC 212 or 213

PSYC 444 – Sleep Mechanisms and Behaviour

Instructor: Elizaveta Solomonova

Course Description: This course covers basic biological mechanisms, possible functions and behavioural aspects of sleep, Additional topics include: disorders of sleep, their effects on behaviour and cognition, and treatment approaches; as well as medical, neurological and psychiatric disorders, and drugs, that affect sleep.

Prerequisites: One of Psyc 211, NSCI 201, PHGY 209, AND one of PSYC 311, PSYC 317, PSYC 318, PSYC 342 or permission of instructor

LIST B CLASSES

Social, Health and Developmental Psychology

PSYC 333 – Personality and Social Psychology

Instructor: Jennifer Bartz

Course Description: The course builds on and is an extension of Social Psychology (Psyc 215). Traditional approaches to person-situation interactions and a more dynamic approach based on recent research on goals and social cognition.

Prerequisites: PSYC 215

PSYC 412 – Developmental Psychopathology

Instructor: Melanie Dirks

Course Description: Introduction to the field of behaviour disorders of childhood and adolescence, including core issues, theoretical and methodological underpinnings, descriptions and discussions of many disorders, clinical and research data, and treatment approaches. Three major assumptions will be woven through the course.

Prerequisites: PSYC 304 or PSYC 337 or permission of instructor

PSYC 471 – Human Motivation

Instructor: Richard Koestner

Course Description: The course is designed to explore questions such as “Why do people often fail to reach their personal goals?” Current goal-based and need-based theories of human motivation will be reviewed. The instructor will highlight the relevance of motivation research to the domain of education, sports and management.

Prerequisites: PSYC 215

THE OTHER CLASSES!!

*GROUP DISCUSSION AND WHAT WE FOUND
ONLINE*

WHAT WE HAVEN'T TAKEN...

LIST A

- NSCI 201
- PSYC 403
- PSYC 529
- PSYC 302
- PSYC 427
- PSYC 541
- PSYC 315
- PSYC 433
- PSYC 545
- PSYC 318
- PSYC 444
- PSYC 341
- PSYC 506

LIST B

- PSYC 333
- PSYC 535
- PSYC 408
- PSYC 412
- PSYC 471
- PSYC 473
- PSYC 528

NSCI 201 – Introduction to Neuroscience 2

Instructor: Rosemary Bagot

Course Description: An introduction to how the nervous system acquires and integrates information and uses it to produce behaviour.

Prerequisites: NSCI 200 or PSYC 211 or permission of instructor.

PSYC 318 – Behavioural Neuroscience 2

Instructor: Jonathan Britt

Course Description: The physiological bases of motivational states, with respect to feeding, drinking, sexual behaviour, drug use, and aggression. Physiological bases of learning and memory.

Prerequisites: PSYC 311 or BIOL 306 or PHGY 314

PSYC 341 – The Psychology of Bilingualism

Instructor: TBD

Course Description: This course will examine issues in bilingualism, including second language acquisition in children and adults, critical period hypothesis, cognitive consequences and correlates of bilingualism, social psychological aspects of bilingualism, and bilingual education.

Prerequisites: Introductory Psychology, and PSYC 340? or introduction to linguistics; or permission of instructor.

PSYC 427 – Sensorimotor Neuroscience

Instructor: David J Ostry

Course Description: A systematic examination of the sensorimotor system, drawing on models and data from both behavioural and physiological studies. Topics include: cortical motor areas, cerebellum, basal ganglia, spinal mechanisms, motor unit properties and force production, proprioception, muscle properties.

Prerequisites: NSCI 201 or PSYC 211 and PSYC 212 or permission of instructor.

PSYC 506 – Cognitive Neuroscience of Attention

Instructor: Jelena Ristic

Course Description: An introduction to cognitive properties and neural mechanisms of human attention. The material will include an overview of the history of attention research, contemporary theories of attention, the varieties of attention, behaviour and neuroimaging experimental methods, the nature of attentional dysfunctions, and the links between attention and other cognitive functions including memory and consciousness.

Prerequisites: PSYC 213 and PSYC 311, and one of PSYC 305 OR BIOL 373, or permission of instructor.

PSYC 529 – Music Cognition

Instructor: Michael Weiss

Course Description: Interdisciplinary study of music cognition, with an emphasis on psychological, computational, and neuroscientific approaches. Focuses on listeners response to sound, including perception, attention, memory, motor control, skilled performance, and emotional response.

Prerequisites: PSYC 212, PSYC 213, PSYC 204

PSYC 541 – Multilevel Modelling

Instructor: Jessica Flake

Course Description: Basic concepts of multilevel linear and nonlinear models and applying these methods to empirical data.

Prerequisites: PSYC 305 and PSYC 536 or permission of instructor.

PSYC 545 – Topics in Language Acquisition

Instructor: Kristine Onishi

Course Description: Psychological mechanisms and theories of first language acquisition in infancy and early childhood. Topics such as: infant speech perception, acquisition of grammar, word learning, pidgin and Creole languages, critical and sensitive periods, genetic and evolutionary bases of language.

PSYC 408 – Principles and Applications of Psychotherapy

Instructor: Sarah Racine

Course Description: Introduction to the theories, research, and practice of psychotherapy, with a particular focus on cognitive behavioural and related therapies. Discussion of broad topics such as historical perspectives on psychotherapy, the empirical study of psychotherapy, and ethical issues related to psychotherapy. Traditional and contemporary cognitive-behavioural therapies and their application to mood, anxiety, eating, and personality disorder will be reviewed. Current interest topics in psychotherapy will be highlighted.

Prerequisites: PSYC 337

Restriction: U2 and above

PSYC 473 – Social Cognition and the Self

Instructor: Lauren Human

Course Description: This course examines the social psychological literature emphasizing a) social cognition – how people think about and make sense of their social experiences; and b) self theory – how people create and maintain a sense of identity. These frameworks will be applied to social psychological topics including close relationships, attitudes and self-esteem.

Prerequisites: PSYC 215 and PSYC 333 or PSYC 331 or PSYC 474

PSYC 528 – Vulnerability to Depression and Anxiety

Instructor: Anna Weinberg

Course Description: This course will examine in depth cognitive, behavioural, biological, and developmental psychopathology models of the etiology of depression and anxiety. Within each theoretical perspective, core issues, theoretical and methodological underpinnings, and research data will be examined.

Prerequisites: PSYC 337 or PSYC 412 of permission of instructor. Requires departmental approval.

Where to go to find out more?

- **The McGill subreddit**
 - <https://www.reddit.com/r/mcgill/>
- **MPSA Facebook**
 - <https://www.facebook.com/groups/mpsamcgill/>
- **Rate my professor**
 - <https://www.ratemyprofessors.com/campusRatings.jsp?sid=1439>
- **NUMs website**
 - <http://num.sus.mcgill.ca/course-info/>

THANK YOU!!

MPSA