

PSYC 370 F2017 Syllabus

Course Description

This course examines the relationship between brain and behaviour. The first part of the course examines topics relevant to brain plasticity, including neurodevelopment, brain damage and learning and memory; followed by a section on the biopsychology of motivation that covers the neural mechanisms of eating, sexual behaviour and sleep. The final section deals with disorders of cognition and emotion, including drug addiction, stress and psychiatric disorders.

Psychology 370 is a course designed to continue your exploration of the field of Biopsychology. It primarily focuses on the underlying neural mechanisms of some of the most interesting and complex human behaviours. From how the brain develops, to our basic motivations, to how catastrophically the brain can fail us, this course delves into many different aspects of brain and behaviour.

Learning Outcomes

Build upon the key principles of biopsychology presented in PSYC 271, with a focus on higher cognitive processing.

Gain an understanding of the complexity of brain and behaviour interactions and how both nature and nurture play important roles.

Learn to critically evaluate new research in the field of biopsychology.

Key Dates

Sep 1	Tuition due
Sep 11	Classes start
Sep 22	Last day to add courses
	Last day to drop courses without financial penalty
Nov 3	Last day to drop courses without academic penalty
Nov 7	Last day to change exam centre location
	Last day to submit accommodations to CDS
Dec 1	Classes end
Dec 7-21	Examinations

Course Materials

Available from the [Queen's Campus Bookstore](#):

Biopsychology, 10th Edition, by John P.J. Pinel, with accompanying REVEL access
ISBN **9780134797168**
OR
Biopsychology, 9

Much of what we have learned about the brain has come from various patient populations, so this course also has strong **clinical implications** that highlight the interplay between brain dysfunction and biopsychology. There is also an important **evolutionary perspective** that must be