

Brief Course Outline

Course Title: Sex Differences and Behavioural Neuroscience

Course Number and Section:

PSYCHOL

3215F 550

Instructor Name(s): Dr. Jennifer Hoshoooley

Instructor Email(s): jmckay6@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

This course examines sex differences in the brain and behaviour of both humans and non-human species. Topics may include strategies and methods for evaluating sex differences, genetic and hormonal influences, cognition, affiliative behaviour, stress, motivation, reward, energy regulation, immune functioning, pain, and disease.

Learning Outcomes:

Describe sex differences in brain and behaviour of non-human and human species & their significance

Hypothesize genetic, hormonal, social and/or psychological mechanisms for sex differences

Initiate, direct, and actively participate in critical group discussions

Independently research, summarize and critically analyze a focused topic in sex differences

Textbooks and Course Materials:

There is no required textbook for this course. Instead, the scholarly articles listed in the syllabus and those that will be student selected early in the course are the required reading for the course and PDF copies will be made available to students through Brightspace. Although there is no textbook and therefore no associated cost, students may on occasion, be required to print out some materials for the course. There are no additional in-course costs required for this course.

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Midterm Test	10/9/25	20
Seminar		20
Discussions		10

Assignment	Due Date mm/dd/yy	Weight - %
Essay	11/27/25	25
Final Exam	TBA	25

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Monday, August 18, 2025