

## Brief Course Outline

**Course Title:** **INTRO BIOL BASIS OF BEHAV**

**Course Number and Section:**

PSYCHOL

2221A 550

**Instructor Name(s):** Derek Quinlan

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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:

An introduction to the principles of evolutionary biology, genetics, and physiology in relation to behaviour. This course is intended as an introduction to the biological basis of behaviour for students who do not have a background in biology.

### Learning Outcomes:

This course will address the structure and function of the nervous system and how it controls behaviour. The course will begin with foundational material, including evolutionary principles, neural function, neuroanatomy, and neuroscience methods. Subsequently, we will examine specific neural systems, additional principles and effects of neural dysfunction. Although the course will require some memorization of information, there will be an emphasis on learning general principles of biopsychology, applying them to new situations, and thinking logically and critically about biopsychological problems.

An extensive vocabulary relating to the physiology of psychology

An understanding of the biological underpinnings of human/mammalian behaviour

Knowledge of the research paradigms that inform our understanding in this area

### Textbooks and Course Materials:

Biopsychology by Pinel & Barnes (Allyn & Bacon)  
11th edition

### Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Exam #1	10/01/2024	25
Exam #2	11/05/2024	35
Exam #3	TBD	40

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose

traditional treaty and unceded territories this course is shared.

Tuesday, August 20, 2024