

**Huron University College  
Department of Psychology**

**Psychology 2221A – Introduction to the Biological Basis of Behavior  
Fall 2018**

**1.0. BASIC COURSE INFORMATION**

**1.1 Course Number:**

Psychology 2221A

**1.2 Course Name:**

Introduction to the Biological Basis of Behavior

**1.3 Scheduled class times and location:**

Mondays 9:30am-12:30pm in Room W108

**1.4 Pre/Anti-requisite information:**

Antirequisite(s): Neuroscience 2000 and Psychology 2220A/B

Prerequisite(s): At least 60% in a 1000 level Psychology course.

Extra Information: 0.5 course.

**1.5 Instructor Name:**

Dr. Derek Quinlan

**1.6 Instructor contact information:**

Room: Benson 2 Email: [dquinla4@uwo.ca](mailto:dquinla4@uwo.ca)

**1.7 Office hours:**

Mondays 8:30am – 9:30am

**2.0. CALENDAR 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.

**Extra Information:** 3 lecture hours, 0.5 course.

Note: Effective 1991, Psychology 2221A/B at Brescia or Main Campus no longer serves as a prerequisite for Psychology 3285F/G on Main Campus. Students wishing to take Psychology 3285F/G are advised to take Psychology 2220A/B on Main Campus. (Brescia, Huron, King's)

**Note 1: Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.**

### **3.0 COURSE OBJECTIVES**

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.

### **4.0 DESCRIPTION OF CLASS METHODS**

Lectures will be held twice a week and are designed to help students become acquainted with the content knowledge of the field of Psychology as presented in the textbook.

### **5.0 REQUIRED TEXTS**

Biopsychology by Pinel & Barnes  
10th edition (2017)  
Allyn & Bacon

NOTE: Older editions may have different content and page numbers. It is highly recommended that you use the current edition, but if you choose not to, it will be at your own risk.

## 6.0 EVALUATION

### 6.1. Summary of Dates and Weights

EXAMINATION	DATE	WEIGHT
First Exam	Oct. 15th	25%
Second Exam	Nov. 12th	35%
Final Exam	During December Exam Period	40%

\*\*Students at Huron University College should consider a grade in the range from 70-74 to be evidence of satisfactory performance in a 2100-level Psychology course. Grades in the B+ (75-79) or A (80-89%) ranges will only be awarded for performance that is demonstrably superior to the second-year standard associated with the Major or Minor modules. A grade of A+ (90-100%) will only be awarded very rarely and only for work that is truly exceptional.

### 6.2. Exams

There are three exams and, together, they determine 100% of the final grade in the course.

The first two exams will be written during class time in a location to be announced, and the final exam will be written during the final examination period as scheduled by the Registrar's Office.

**Exams are non-cumulative and each exam covers approximately one third of the course material.** Exams will be composed of multiple-choice questions, fill-in –the-blank questions/diagrams, and short answer questions based on the textbook readings and lectures. No electronic devices of any sort are permitted to be in a student's possession during exams. Following the failure of a student to write a midterm exam, and acting on advice from the Academic Advising Office to provide relief (based on medical and/or non-medical grounds), we will allocate the weight devoted to that exam equally to the remaining exams. Otherwise the grade recorded will be zero. In the event of failure of a student to write the final exam, and again acting on advice from the Academic Advising Office to provide relief (based on medical and/or non-medical grounds), we will permit that student to write a make-up for the final exam only. Otherwise, the grade will be recorded as zero. The make-up exam will follow a similar format to that of the regularly scheduled exam and will be written on the day and time set aside for such make-up examinations. Documentation for missed term tests must be submitted to the Academic Advising Office in a timely manner. No early examinations will be permitted.

Exam 1 and 2 grades will be posted in the gradebook of the Owl website. Students may review their exam in the presence of their instructor during office hours, but the Department will retain all tests.

## 7.0 Psychology 2221A Schedule – Fall 2018

<u>Month</u>	<u>Date</u>	<u>Readings</u>	<u>Note</u>
<b>Sept</b>	10	Ch 1	
	17	Ch 2	
	24	Ch 3	
<b>Oct</b>	1	Ch 4	
	<b>8</b>	<b>NO LECTURE</b>	<b>FALL BREAK</b>
	<b>15</b>	<b>MIDTERM EXAM</b>	<b>CHAPTERS 1-3</b>
	22	Ch 5	
	29	Ch 6	
<b>Nov</b>	5	Ch 6	
	<b>12</b>	<b>MIDTERM EXAM</b>	<b>CHAPTERS 4-6</b>
	19	Ch 7	
	26	Ch 8	
<b>Dec</b>	3	Ch 10	
	<b>10th-21st</b>	<b>Final Exam</b>	<b>EXAM PERIOD - Ch 7, 8, &amp; 10</b>

## 8.0 University Policies

The Senate policies in force for this course (i.e., academic accommodation, accessibility, academic misconduct, course drop dates, and other related university policies) may be found posted on the OWL course site.