



UNIVERSITY OF
CALGARY

Department of Psychology
Psychology 375 (L01) – Brain and Behaviour
Fall 2008

Instructor:	Dr. M.C. Antle	Lecture Location:	ENE 239
Phone:	403-220-2574	Lecture Days/Time:	MWF 12:00-12:50
Email:	antlem@ucalgary.ca	TA/Marker:	Roxanne Sterniczuk
Office:	Admin 018	TA Office:	Admin 09
Office Hours:	By appointment only (call or E-Mail to schedule an appointment)		

Course Description and Goals

The task of the branch of psychology called behavioural neuroscience is to explain behaviour in terms of the functioning of the brain. This course explores the neural basis of behaviour, sensation & movement, learning & memory, and language, as well as neurodegenerative disorders that arise from nervous system malfunctioning.

Required Text

- Biological Psychology, 5th Ed, S.M. Breedlove, M.R. Rosenzweig, N.V. Watson (2007) Sinauer Associates Inc.
- The text is available at the University Bookstore.
- There is a companion website <http://www.biopsychology.com/5e/lbp5e/home/home.html> which includes study questions, tutorials, terminology quizzes, activities, and sample essay questions.

Evaluation

There will be 3 exams. The format will be mostly short answer, although some multiple choice, fill in the blank and short essay questions may be used. While the first 2 exams are not cumulative, the final exam may include a **very** small amount of cumulative material covering **general themes** covered throughout the course.

Exam	Value	Chapters covered	Date	Duration
First Exam	30%	1-4, 6	Friday October 3 rd	50 minutes
Second Exam	30%	8-10, 12	Friday October 31 st	50 minutes
Final Exam	40%	13-14 & 16-19	To be Scheduled by the Registrar.	2 hrs

Grading Scale

A+	96-100%	B+	80-84%	C+	67-71%	D+	54-58%
A	90-95%	B	76-79%	C	63-66%	D	50-53%
A-	85-89%	B-	72-75%	C-	59-62%	F	0-49%

As stated in the University Calendar, it is at the instructor's discretion to round off either upward or downward to determine a final grade when the average of term work and final examinations is between two letter grades.

To determine final letter grades, final percentage grades will be rounded up or down to the nearest whole percentage (e.g., 89.5% will be rounded up to 90% = A, but 89.4% will be rounded down to 89% = A-).

Lecture Schedule

Date	Topic	Readings
Sept 8	Introduction to Biopsychology	1
Sept 10	Evolution and Behaviour	6
Sept 12	Evolution and Behaviour	6
Sept 15	Functional Neuroanatomy	2
Sept 17	Functional Neuroanatomy	2
Sept 19	Neurophysiology	3
	Last day for registration and change of registration. No fee refunds after this date.	
Sept 22	Neurophysiology	3
Sept 24	Neurotransmission	4
Sept 26	Neurotransmission	4
Sept 29	Drugs and Behaviour	4
Oct 1	Drugs and Behaviour	4
Oct 3	Exam #1 (Chapters 1-4, 6)	
Oct 6	Sensation: Touch	8
Oct 8	Sensation: Pain	8
Oct 10	Sensation: Hearing	9
Oct 13	Thanksgiving – University closed	
Oct 15	Sensation: Taste and Smell	9
Oct 17	Sensation: Vision	10
Oct 20	Sensation: Vision	10
Oct 22	Movement	11
Oct 24	Movement	11
Oct 27	Sexual Behaviour	12
Oct 29	Sexual Behaviour	12
Oct 31	Exam #2 (Chapters 8-12)	
Nov 3	Sleep and Circadian Rhythms	14
Nov 5	Sleep and Circadian Rhythms	14
Nov 7	Sleep and Circadian Rhythms	14
Nov 10	Reading Days Nov 8-11 – University closed	
Nov 12	Sleep and Circadian Rhythms	14
Nov 14	Homeostasis: Temperature and Thirst	13
Nov 17	Homeostasis: Thirst and Hunger	13
Nov 19	Psychopathology	16
Nov 21	Psychopathology	16
Nov 24	Psychopathology	16
Nov 26	Learning	17
Nov 28	Learning	17/18
Dec 1	Learning	17/18
Dec 3	Language and Cognition	15
Dec 4	Last day to allocate research participation bonus credit	
Dec 5	Language and Cognition	15
	Fall Session lectures end. Last day to withdraw.	
Dec 8- Dec 17	Final exam during exam period, 2h, Chapters 13-14,16-19	

Reappraisal of Grades

A student who feels that a piece of graded term work (e.g., term paper, essay, test) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within 15 days of being notified about the mark or of the item's return to the class. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next 15 days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same. If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within 15 days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

Plagiarism and Other Academic Misconduct

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct.

Academic Accommodation

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than 14 days after the start of this course.

Absence from a Test

Make-up exams are NOT an option without an official University medical excuse (see the University Calendar). You must contact the instructor before the scheduled examination or you will have forfeited any right to make up the exam. At the instructor's discretion, a make-up exam may differ significantly (in form and/or content) from a regularly scheduled exam. Except in extenuating circumstances (documented by an official University medical excuse), a makeup exam is written within two (2) weeks of the missed exam. A completed Physician/Counselor Statement will be required to confirm absence from a test for health reasons. The student will be required to pay any cost associated with the Physician Counselor Statement.

Course Credits for Research Participation

Students in most psychology courses are eligible to participate in Departmentally-approved research and earn credits toward their final grades. A maximum of two credits (2%) per course, including this course, may be applied to the student's final grade. Students earn 0.5% (0.5 credits) for each full 30 minutes of participation. The demand for timeslots may exceed the supply in a given term. Thus, students are not guaranteed that there will be enough studies available to them to meet their credit requirements. Students should seek studies early in the term and should frequently check for open timeslots. Students can create an account and participate in Departmentally-approved research studies at <http://ucalgary.sona-systems.com>. The last day to participate in studies and to assign or reassign earned credits to courses is **December 4, 2008**.

Student Organizations

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in Administration 170 and may be contacted at 220-5567.

Student Union VP Academic: Phone: 220-3911 suypaca@ucalgary.ca

Student Union Faculty Rep.: Phone: 220-3913 socialscirep@su.ucalgary.ca

Important Dates

The last day to drop this course and still receive a fee refund is **September 19, 2008**. The last day to withdraw from this course is **December 5, 2008**.