NRO C34: Neuroethology

Instructor: Prof. A. Mason

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Office: S566

Office hours: Tuesday & Thursday 2-3:45

Lectures: Monday 14:00-16:00

No textbook is required

Course Policies:

Evaluation

Weekly Reading 5% Midterm Test 35%

Final Exam 60% (covers entire course)

The midterm and final exam will include material from the readings as well as material covered in lecture. Exams will include multiple-choice questions (which will be computer-graded), matching questions, short answer and/or essay questions. Marks are not deducted for incorrect responses on multiple choice. Bring your University student identification card and an HB pencil to all tests.

Test Policies: Students who miss the midterm for a medical reason may take a make-up exam provided they present a medical certificate, within 2 days of the test, confirming their inability to attend. The certificate must show that a physician was consulted at the time of the illness. Medical certificates will be verified. Students who miss the final exam must petition the Faculty of Arts and Science.

Study tools:

Lectures: All lecture slides are available on the course webpage (<u>link</u> on intranet). It is your responsibility to ensure you have notes for any missed lectures.

Schedule (may change, but you will have advance warning):

Date	Lecture	Topic (some of these may change)	Required Reading**	
Jan 9	1.	Introduction: Neuroethology	None	
Jan 16	2.	Hearing 1: phonotaxis	See course webpage	
Jan 23	3.	Hearing 2: predator avoidance		
Jan 30	4.	Hearing 3: selective attention	-	
Feb 6	5,	Vision 1: pattern learning	•	
Feb 13		Midterm (in class)		
Feb 20		Reading week (no class)	•	
Feb 27	6.	Vision 2: motion detection	-	
Mar 6	7.	Vision 3: higher-level processing	-	
Mar 13	8.	Olfaction 5: Olfaction	-	
Mar 20	9.	Pattern Generation STG	-	
Mar 27	10.	TBA (something vertebrate?)	-	
April 2	11.	TBA	\$	
Apr 10 – 14		*************STUDY BREAK********		
Apr 17 –		**********EXAM PERIOD*******		
May2				

Readings are linked to the webpage as pdf files and may also be available on reserve in the library. This schedule is posted on the course webpage. Check this link periodically as topics for the latter half of the course may be modified (Dr. Mason will announce any changes in lecture).