

NRO C34: Invertebrate Neurobiology

Fall 2002

Instructor: Prof. A. Mason

Office: S566

Office hours: Mondays: 10:00am – noon

Lectures: Mondays: 14:00-16:00

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(E-mail Subject: NROC34)

No textbook is required

Course Policies:

Evaluation

Weekly Reading	5%	
Midterm Test	35%	
Final Exam	65%	(covers entire course)

The midterm and final exam will include material from the readings as well as material covered in lecture. The midterm and final exam 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, which confirms 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 homepage as pdf files. It is your responsibility to ensure you have notes for any missed lectures.

Tentative Schedule/Readings:

Date	Lecture	Topic	Required Reading**
Sept. 9	1.	Introduction: Neuroethology	None
Sept. 16	2.	Hearing 1: phonotaxis	See webpage
Sept. 23	3.	Hearing 2: predator avoidance	-
Sept. 30	4.	Hearing 3: selective attention	-
Oct. 7	5.	Hearing 4: eavesdropping	-
Oct. 14	Thanksgiving – no classes		
Oct. 21	6.	Vision 1: pattern learning	-
Oct. 28	7.	Vision 2: motion detection	-
Nov. 6	8.	Vision 3: abstract information	-
Nov. 4	9.	Olfaction: odour coding	-
Nov. 11	10.	Patter Generation: STG	-
Nov. 18	11.	To be announced	-
Dec. 2	12.	To be announced	-
	*****STUDY BREAK*****		
Exam Period	*****FINAL EXAM*****		

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