

Sensation and Perception, Psychology 4120

Class: Tuesday and Thursday from 11-12:15 PM, Fine Arts Building, Room 400

Instructor: B. Randy Hammond **Office Hours:** by apt., Psychology 520

TA: Josephine Bou Dagher (jb77465@uga.edu), office hours by apt., Vet Med building, room 354

How organisms sense and perceive the environment. Topics discussed are anatomy and physiology of the sensory systems, types of stimuli affecting sensory systems, and current knowledge and theories of our perceptual abilities.

Prerequisites/co-requisites: PSYC 2990 or PSYC 3990

Required Text: Wolfe, J.M. et al. (2008). *Sensation and Perception. 2nd Edition.* Sinauer Associates, Oxford University Press, NY.

Evaluation: There is a total of **350** possible points in this course.

Exams (300): There will be four exams, three exams during the semester, and a comprehensive final exam. The dates are indicated in the course outline. Each of the exams will be worth 100 points. Students will be allowed to drop their lowest exam score excluding the final (in other words, I will drop the lowest of the first three exams). The final exam cannot be dropped and students must take the comprehensive final exam. If you are absent on a test day (for whatever reason), then the resulting zeroes will be the one dropped. There will be no make-ups.

Attendance (50): Class attendance is expected and will be assessed throughout the semester. If you must miss due to religious holidays, voting/jury duty or medical emergencies please let me know in advance if possible.

Assignment of letter grades

The letter grades that correspond to the point system are shown below:

<i>Points</i>	<i>%</i>	<i>Grade</i>
350-325	100-93	A
324-315	92-90	A-
314-304	89-87	B+
303-294	86-84	B
293-280	83-80	B-
279-269	79-77	C+
268-255	76-73	C
254-245	72-70	C-
244-210	69-60	D
209-	59-	F

Exam Structure: The exams will be a combination of short-answer, multiple-choice, and true-false questions.

Accommodations: If you have a disability and require reasonable classroom accommodations, please see me after class or make an appointment during office hours (you can also register with the Disability Resource Center at 114 Clark Howell Hall, 706-542-8719).

Incompletes: A grade of incomplete is only assigned in extremely unusual circumstances. Such situations require extensive documentation and approval of faculty supervisors. It is only an option if a student is passing the class and is typically only awarded when a student has completed the majority of the classwork and is only missing one or two exams or assignments. If a grade of incomplete is approved, a written plan for completion of the coursework must be developed by the instructor and student and approved by the faculty supervisor.

For UGA policy and procedures on academic honesty see <https://ovpi.uga.edu/academic-honesty/academic-honesty-policy>.

Course Outline

<i>Date</i>	<i>Topic</i>	<i>Reading (text)</i>		<i>due dates</i>
January 10	Orientation			
January 15	Neurophysiology	Chapter 1		
January 17				
January 22	Psychophysics			
January 24	Light	Chapter 2,3		
January 29	Visual system			
January 31		Chapter 4		
February 5				Exam 1
February 7		Chapter 5-6		
February 12		Chapter 7-8		
February 14				
February 19	Auditory system	Chapter 9-10		
February 21				
February 26	Auditory perception	Chapter 11		
February 28				Exam 2
March 5	Vestibular system	Chapter 15		
March 7		Chapter 12		
SPRING BREAK (3/11- 3/15)				
March 21	Somatosensory system			
March 26				
March 28				
April 2		Chapter 13,14		
April 4				Exam 3
April 9	Olfactory system			
April 11				
April 16				
April 18	Gustatory system			
April 23				
April 25	Sensory development	ELC readings		
April 30				
May 2				Final Exam: 12-3

