

Behavioral & Cognitive Neuroscience – CBNP 5032Q

Fall 2021 (Block 1): Tues/Wed 5:30-7:20

Room: Newark Medical Science Building B-619 (limited remote)

Course Director: Kevin Beck Ph.D. (kevin.d.beck@njms.rutgers.edu)

This course focuses upon identifying the underlying neurobiological and neurophysiological processes that are responsible for the expression of behavior and cognitive processes. The course follows a lecture format with three exams (each weighted equally towards the final grade). Exams will be in an all essay format.

The following textbook is available online in the Rutgers University library. Much of the course is covered in the latter chapters of the text.

Fundamental Neuroscience (4th ed.), Squire (2013), Elsevier

Other readings may be assigned by the lecturers.

PLEASE NOTE: Doctoral students are expected to attend class in-person, per the SGS. Lectures are planned to be live-streamed from the classroom to any remote learning masters students. Attendance either in-person or remote during those lecture times is expected.

Intro to Cell Neuro & Gross Brain	Wed. Aug 25
Learning I	Tue. Aug 31
Learning II	Wed. Sep 1
Memory & Amnesia	Tue. Sep 7
Motivation & Higher Processes I	Wed. Sep 8
Motivation & Higher Processes II	Tue. Sep 14
Exam 1 (8/25-9/7)	Wed. Sep 15
Attention & Perception	Tue. Sept 21

Social Behavior	Wed. Sep 22
Exam 2 (9/8-9/22)	Tue. Sep 28
Cognitive Development	Wed. Sep. 29
Aging & Dementia	Tue. Oct. 5
Computational Neuroscience	Wed. Oct. 6
Imaging the Brain	ASYNCHRONOUS (posted)
Exam 3 (9/29-10/12)	Wed. Oct 13