NEURODPT/NTP/PHYSIOL/ZOOLOGY 616 — LAB COURSE IN NEUROBIOLOGY AND BEHAVIOR
4 credits.

Students will do three independent experimental modules exploring neurophysiology and behavior, each taking 4-5 weeks. Students will work in groups of 2 or 3 and will learn techniques and then develop their own short investigations into each of three separate areas of neurobiology. There will be continual interaction between students and faculty.

**Requisites:** ZOOLOGY/NTP/PSYCH/ZOOLOGY 523 and NTP/PHYSIO / PSYCH/ZOOLOGY/NTP/PHYSIOL/PSYCH 524 or NTP/PHMCOL-M/ PHYSIOL/NTP/PHMCOL-M 610 and ANATOMY/NTP/PHMCOL-M/ PHYSIOL/PSYCH/ANATOMY/NTP/PHMCOL-M/PHYSIOL 611

**Course Designation:** Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No
**Last Taught:** Spring 2017

NEURODPT/PSYCH/ZOOLOGY 674 — BEHAVIORAL NEUROENDOCRINOLOGY SEMINAR
2 credits.

Behavior results from a complex interplay among hormones, the brain, and environmental factors. Behaviors and their underlying neural substrates have evolved in response to specific environmental conditions, resulting in vast species diversity in behavioral and neuroendocrine solutions to environmental problems. This seminar is designed to explore the primary literature on the neuroendocrine underpinnings of behavior spanning from feeding to sex differences in complex social behaviors. A range of taxonomic groups will be discussed, including (but not limited to) mammals, birds, and fish. A background in neuroscience and/or endocrinology is strongly recommended.

**Requisites:** BIOLOGY/ZOOLOGY/BIOLOGY 101 or BIOLOGY/BOTANY/ ZOOLOGY/BIOLOGY/BOTANY 151 or BIOCORE 383

**Course Designation:** Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No
**Last Taught:** Fall 2017

NEURODPT 699 — INDEPENDENT WORK
1-4 credits.

Independent work.

**Requisites:** Consent of instructor

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Fall 2017