

# BIO423: Neurobiology

Selected topics in the function of neurons and brain systems, with an emphasis on reading and discussion of current research literature. Topics include membrane potential and synaptic transmission, mechanisms of synaptic plasticity and memory, visual perception, and the neural basis of consciousness. This course satisfies the senior seminar requirement for the Biology major.

**Credit Hour(s):** 3

**Prerequisites:**

BIO 212 and 402

**Program:** [Biological Sciences](#)

**Semester Offered:**

Spring (odd)

**Recommended:**

BIO 305 recommended.