

**PGY 394 Independent Work in Physiology and Neuroscience  
(1-3 Hours)  
Research Contract**

To receive credit for PGY 394, students and their research mentor(s) must complete a research contract. *If a contract is not completed each semester by the add/drop date, YOU WILL NOT BE ABLE TO REGISTER FOR THIS CLASS. Return the completed contract to Dr. Thad E. Wilson in BBSRB 259 or via email ([Thad.Wilson@uky.edu](mailto:Thad.Wilson@uky.edu)).*

**Academic session in which the research will take place:**

**(Circle one)** Fall      Spring      Summer      **YEAR:** \_\_\_\_\_

**Credit Hours:** \_\_\_\_\_

*Note: 3-5 hours of time in the laboratory per week is expected per credit hour (based on 15-week semester).*

Neuroscience majors are the primary intended PGY 394 participants, although all majors can participate and enroll in the course. Please enter grades in any PGY courses and then those courses that you have completed the Neuroscience major (or any other relevant courses):

PGY \_\_\_\_\_, PGY \_\_\_\_\_ PGY \_\_\_\_\_, PGY \_\_\_\_\_

BIO 148 \_\_\_\_\_, BIO 152 \_\_\_\_\_, BIO 155 \_\_\_\_\_ BIO 302 \_\_\_\_\_, BIO 305 \_\_\_\_\_

*Research mentors agree to provide lab space, resources (e.g., chemicals and reagents), and guidance. Guidance includes all required lab-specific safety training as well as training in the scientific method, laboratory techniques, data management and presentation. Mentors will grade the student's independent work based on the criteria described on the subsequent page.*

**Please provide the following information:**

Student Name	Student ID	Email Address
Mentor Name	Email Address	

Your signature: \_\_\_\_\_

Mentor's signature: \_\_\_\_\_

**This section to be filled in by the Mentor.** Please indicate what activities (and their weighting) will be used in the determination of the student's grade in the course. (ex. Attendance 25%, oral reports or lab meetings 25%, final paper 50%, etc). The contract will not be approved if this information is missing/incomplete.

Grading scheme for the course: A= 90-100; B= 80-89; C= 70-79; D=60-69; F= 59 and below

**This section must be written by the student in consultation with your mentor: Please attach to this form a description of the proposed research work.** The description must follow the 3-point format specified below. **If it does not, this contract cannot be approved.** If the project is a continuation from a previous semester of PGY 394 the student can provide a short description of the results of the previous semester's work and indicate that the work will continue as previously approved.

1. What is the main question your project will address? What is your hypothesis or driving principle?
2. What types of experiments will you perform? Include brief technical details.
3. What might the results of your experiments be? How could these results support or refute your hypothesis or contribute to knowledge in the field?

For additional information contact Dr. Thad Wilson ([Thad.Wilson@uky.edu](mailto:Thad.Wilson@uky.edu)), *The Director of Undergraduate Studies will email you and mentor(s) to acknowledge receipt of an appropriate research contract and/or if there are any questions concerning the research contract.*