

DUS ONLY
 Date Received:
 Approved/disapproved
 Signature:

BIO 394 Independent Work in Neuroscience (1-3 Hours)

Research Contract

In order to receive credit for BIO 394, students and their research mentors must complete a contract. *If a contract is not completed each semester by the add/drop date YOU WILL NOT BE ABLE TO REGISTER FOR THIS CLASS.* If the contract is NOT approved, we will contact you and/or your research mentor. Disapproved projects are often more appropriate for EXP 396 (Experiential Education; 257-3632). **Return completed contract to Dr. Cooper in BS 101.**

Academic session in which the research will take place:

(Circle one) Fall Spring 4-week 8-week **YEAR:** _____

Credit Hours (choose 1, 2, or 3): _____

Note that Neuroscience Majors are required to complete 6 credits of BIO 394 in two semesters (3 credits each semester). Students with other majors, including neuroscience minors, may opt for variable credit.

Research mentors may be any research-active neuroscience faculty member at the University of Kentucky. A campus-wide list of faculty willing to mentor undergraduates can be obtained in the Biology Department office. This list is not exclusive; many others can serve as mentors. Junior and senior Neuroscience majors who have already completed BIO 305 are the primary intended BIO 394 participants. Please enter grades in those courses that you have completed:

BIO 148____, BIO 152____, BIO 155 ____

BIO 302____, BIO 305 _____ Current GPA _____

Research mentors agree to provide lab space, resources (eg. chemicals), and guidance. Guidance includes safety training as well as training in scientific method, technique, and presentation. Mentors will be asked to grade the student's independent work.

Please provide the following information:

Your Name	Student ID	UK Email	Telephone
Mentor Name	Department	UK Email	Telephone

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 25%, final paper 50%, etc). The contract will not be approved if this information is missing/incomplete.

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 BIO 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. However, please keep in mind that continuing on in the same lab but working on a different project does not qualify as a continuation.

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. Robin Cooper, rlcoop1@uky.edu, 257-5950 (voicemail).

We will contact you ONLY if we have questions regarding your research.